

FIG. 1

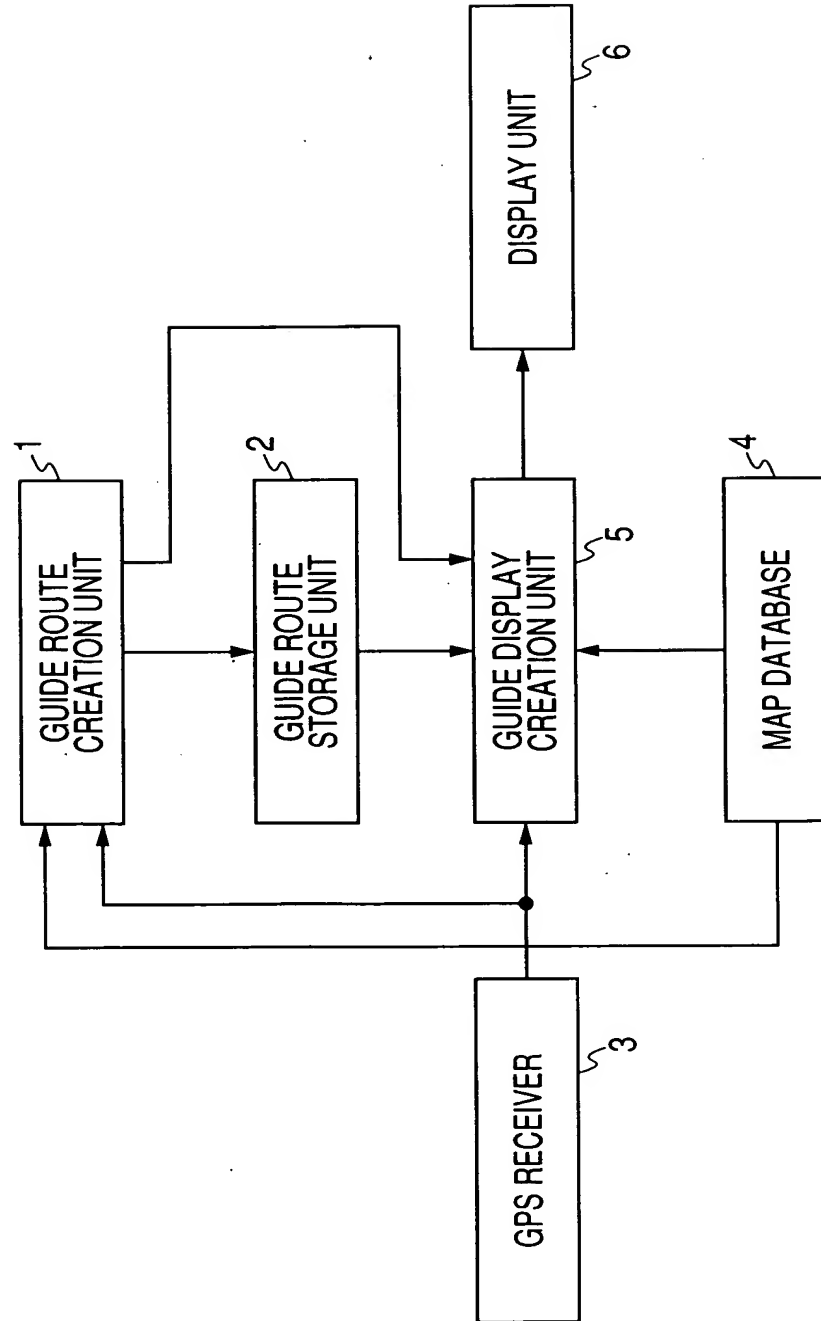


FIG. 2

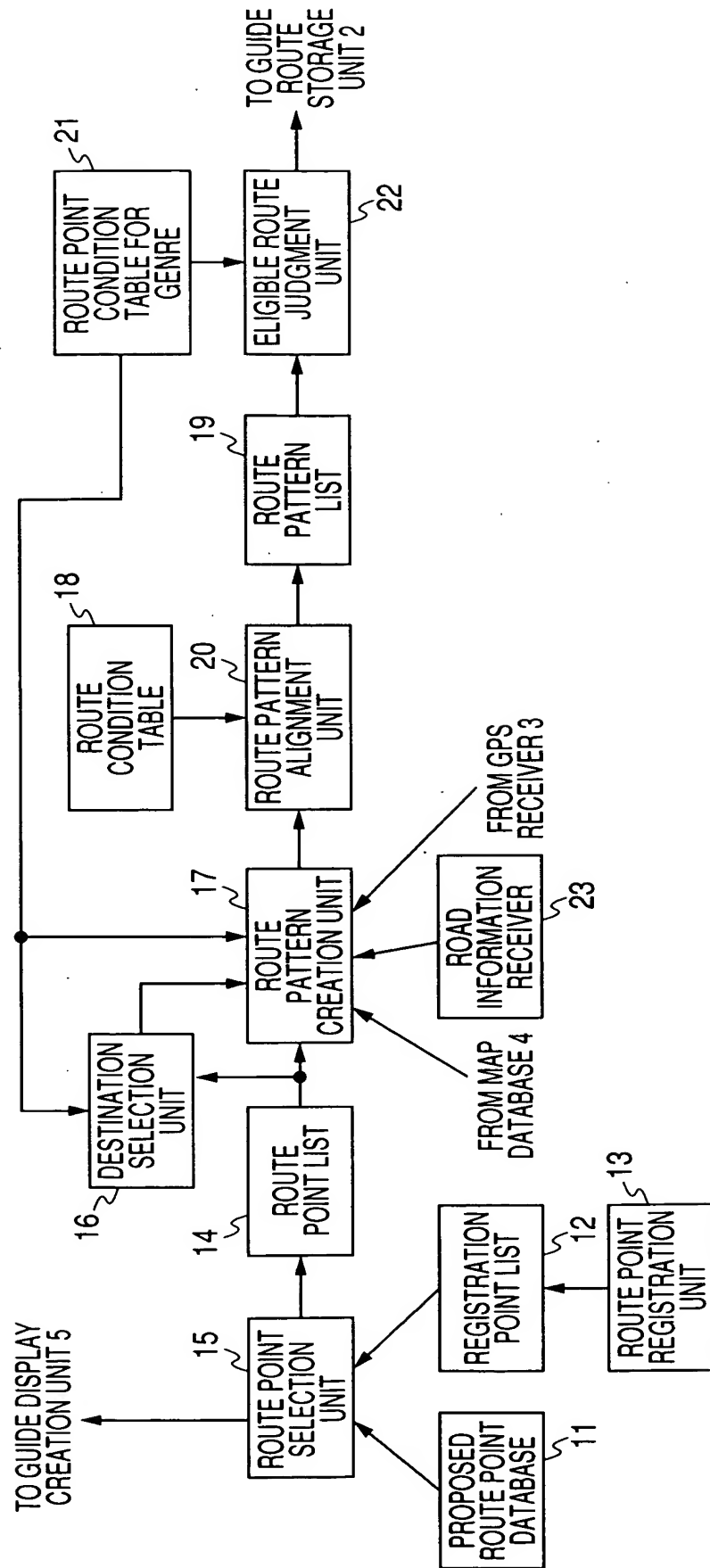


FIG. 3

11, E24

	NAME	GENRE	HOLIDAY	BUSINESS HOUR
A	○△ HOTEL	HOTEL	NONE	
B	RESTAURANT ○■	RESTAURANT	MONDAY	11:00 – 14:00, 18:00 – 24:00
C	○○ DEPARTMENT STORE	DEPARTMENT STORE	WEDNESDAY	10:00 – 20:00
D	□○ CAFE	CAFE	NONE	8:00 – 22:00
E	□ TUMULUS	FAMOUS PLACE	MONDAY	10:00 – 18:00
F	RISTORANTE △	RESTAURANT	THURSDAY	18:00 – 21:00

FIG. 4

21, E27

GENRE NAME	GUIDE TIME	STAY TIME	STAYABLE TIME	FINAL DESTINATION ADVISABILITY	TIME ADJUSTMENT ADVISABILITY	FOOD AND DRINK GENRE
HOTEL	15:00 – 24:00			○	○	×
RESTAURANT	11:00 – 13:00 18:00 – 20:00	TWO HOURS	TWO HOURS AND THIRTY MINUTES	×	○	○
CURRY HOUSE	11:00 – 13:00 18:00 – 20:00	THIRTY MINUTES		×	×	○
CONVENIENCE STORE		TEN MINUTES		×	×	×
FAMOUS PLACE		ONE HOUR		×	○	×
DEPARTMENT STORE		ONE HOUR	TWO HOURS	×	○	×
CAFE	8:00 – 11:00 15:00 – 18:00	THIRTY MINUTES	ONE HOUR	×	○	○
BOOK STORE				×	○	×
OIL DEPOT				×	○	×
BANK				×	×	×

FIG. 5

ARRIVAL TIME

	ROUTE PATTERN	A	B	C	D	E
1	B → C → D → E → A	18:00	10:30	12:00	14:00	15:00
2	B → C → E → D → A	18:15	10:30	12:00	17:10	14:10
3	C → B → E → D → A	19:00	12:30	11:00	17:55	14:55
⋮	⋮	⋮	⋮	⋮	⋮	⋮
N						

19

FIG. 6

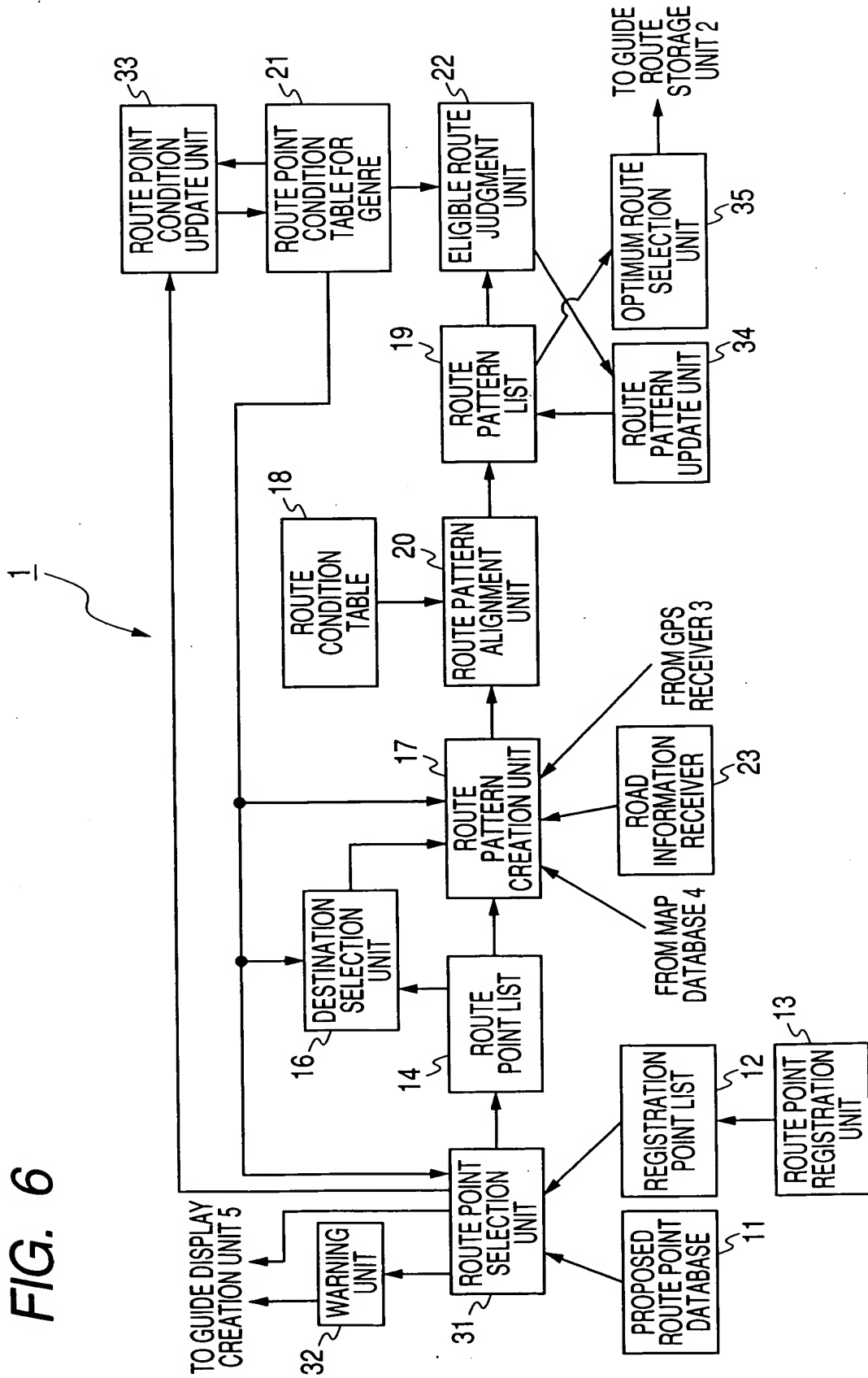


FIG. 7

ARRIVAL TIME

	ROUTE PATTERN	A	B	C	D	E
1	B → C → D → E → A	19:00	11:00	12:30	15:00	16:00
2	B → C → E → D → A	18:45	11:00	12:30	17:40	14:40
3	C → B → E → D → A	19:00	12:30	11:00	17:55	14:55
⋮	⋮	⋮	⋮	⋮	⋮	⋮
N						

FIG. 8

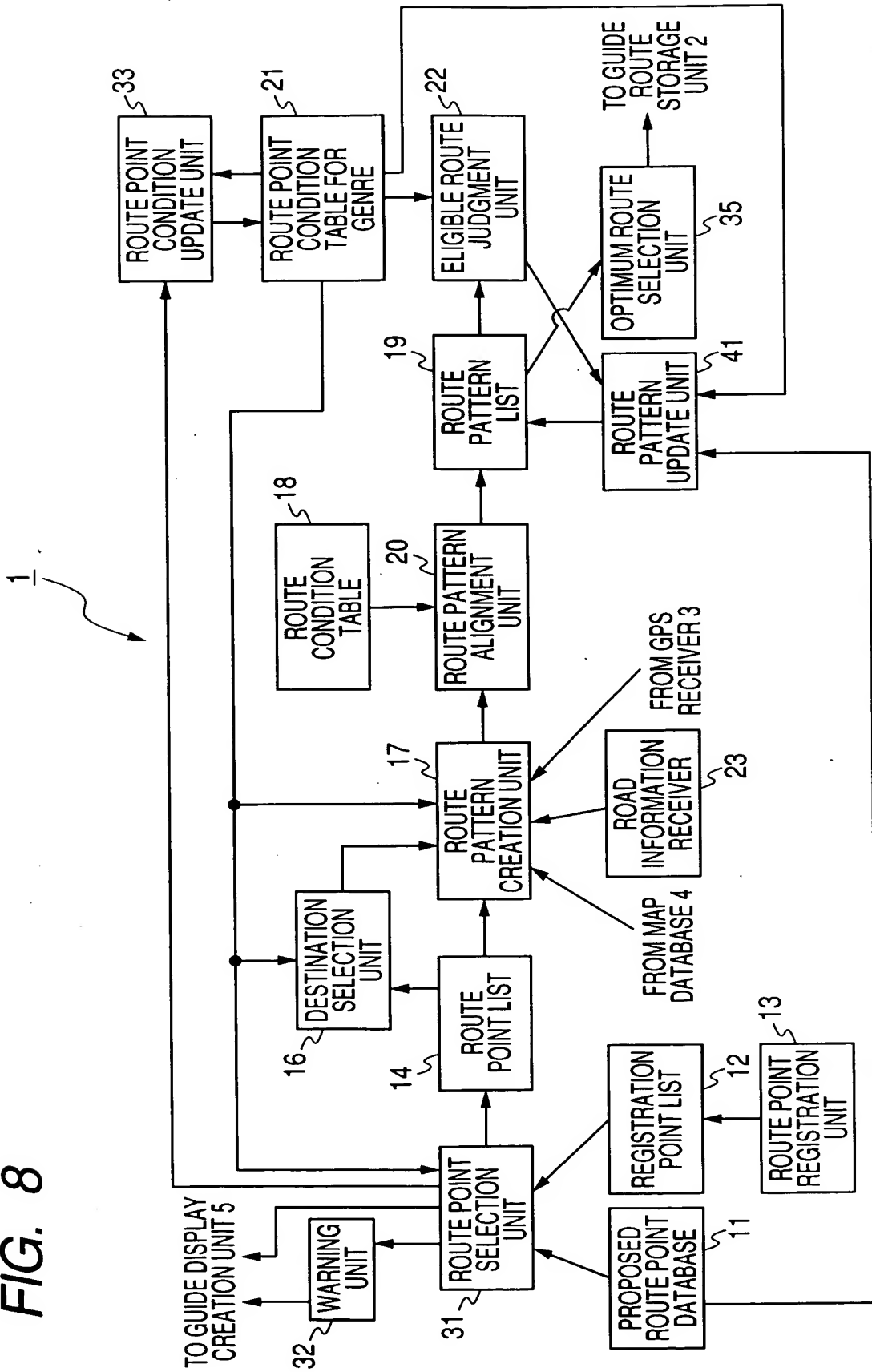


FIG. 10

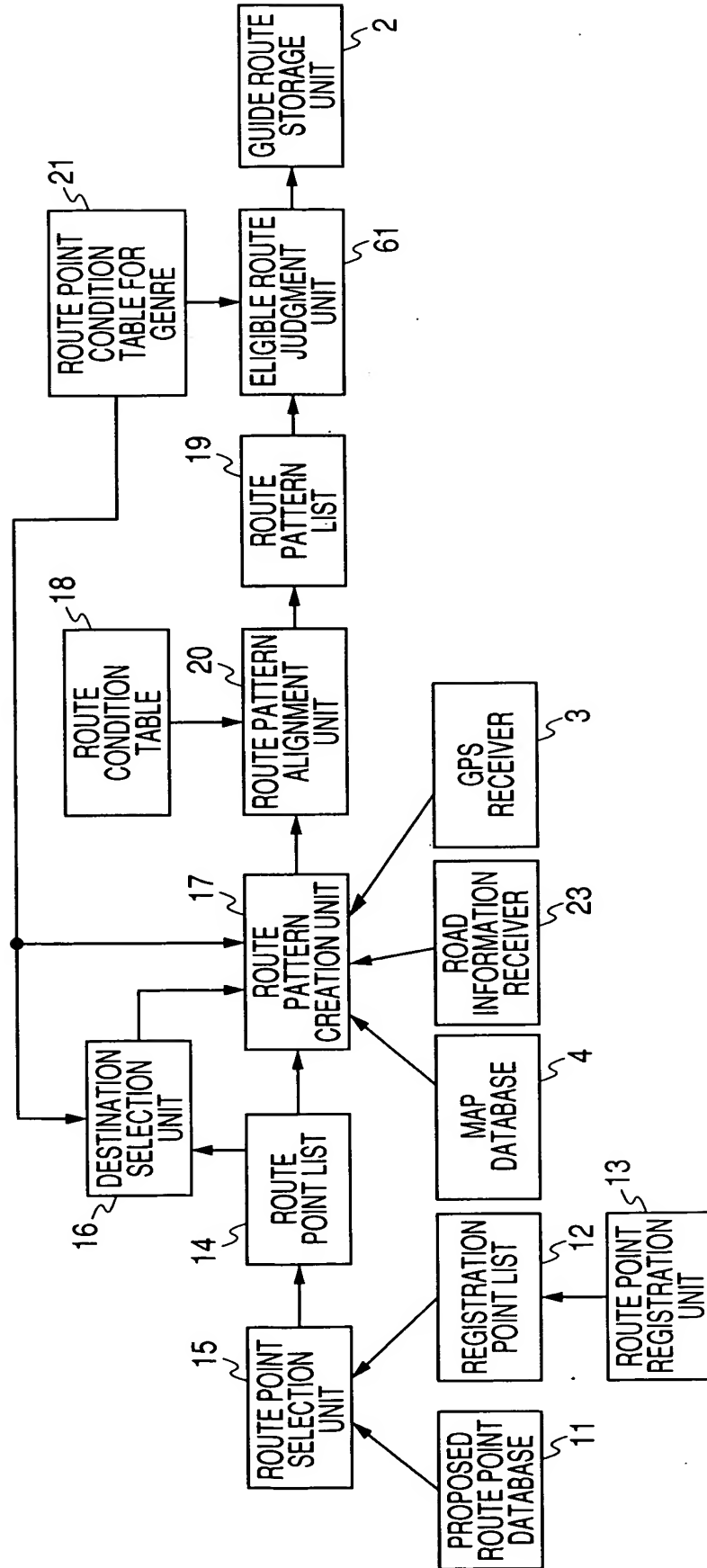


FIG. 11

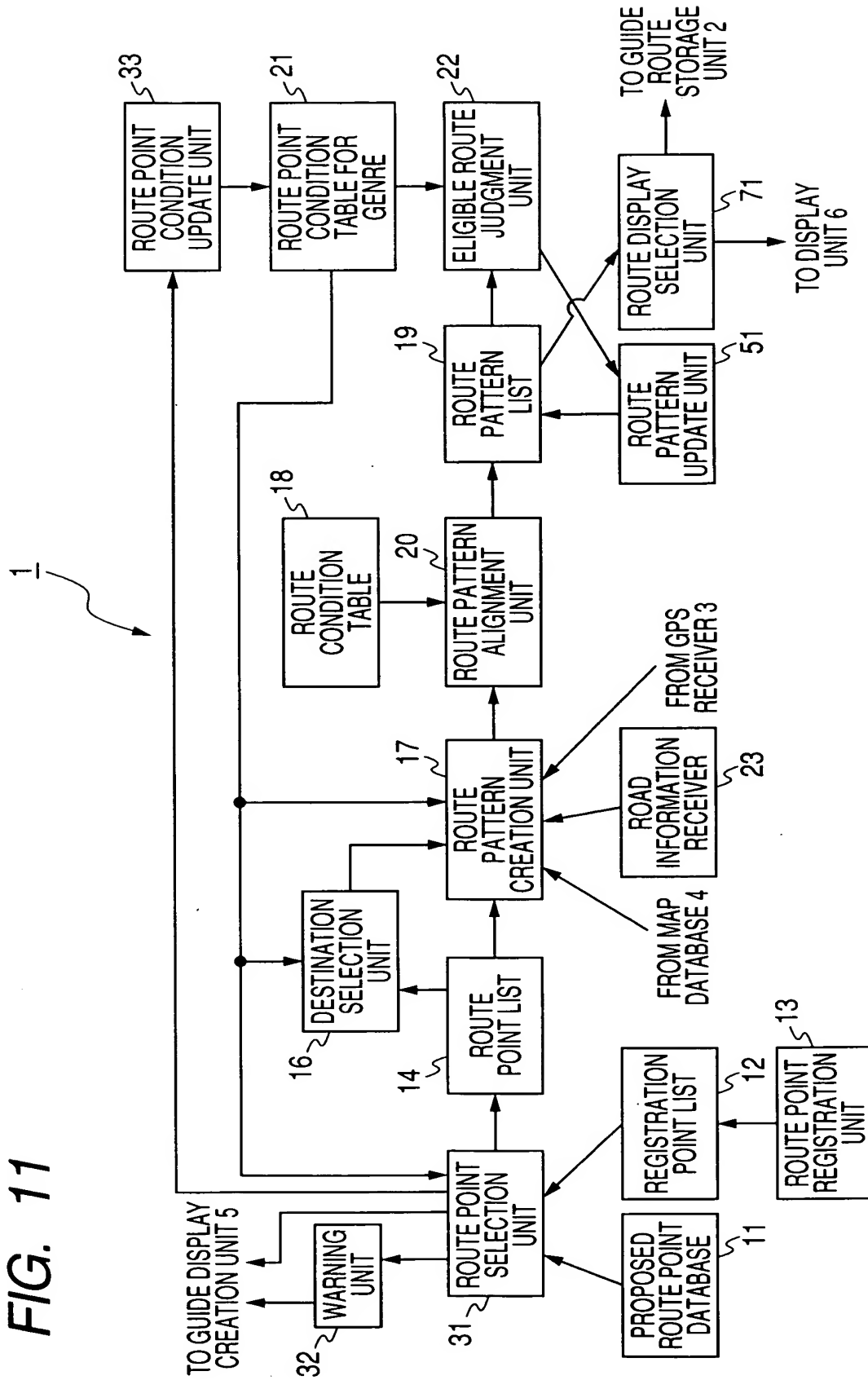


FIG. 12

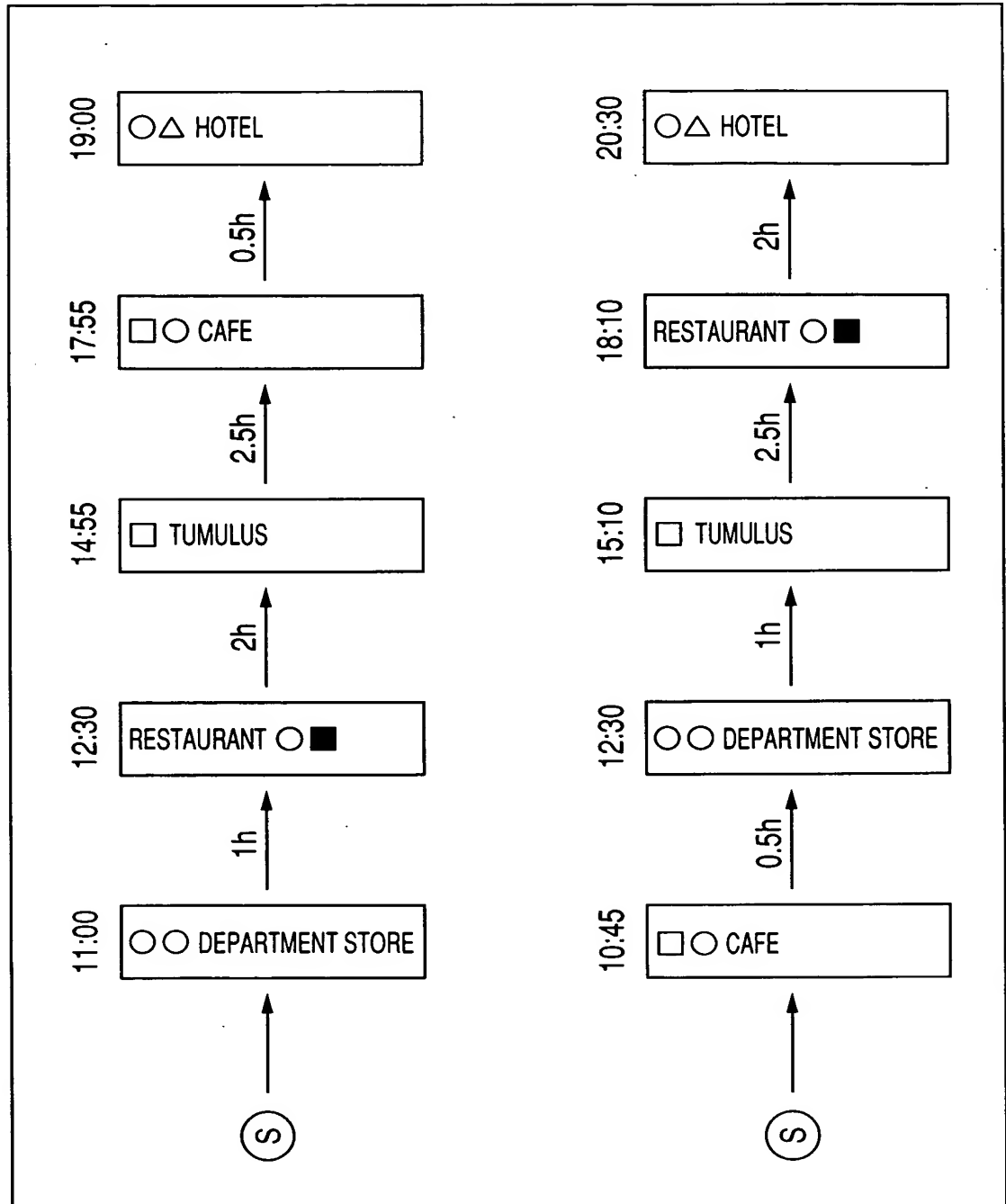


FIG. 13

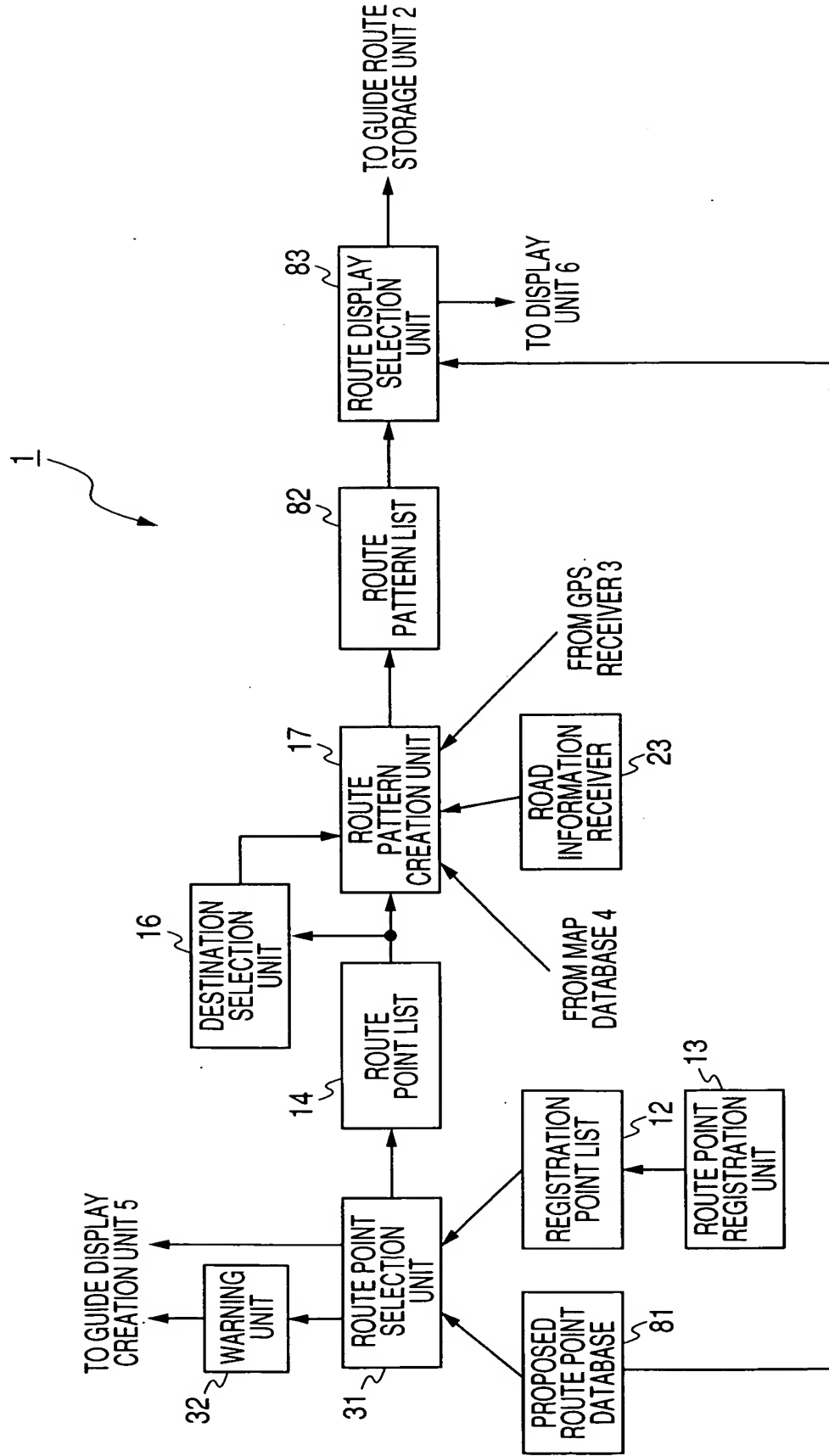


FIG. 14

	NAME	CONDITION				SPOT INFORMATION
		GENRE	DESTINATION	GUIDE TIME	STAY TIME	
A	SEA PARADISE	AMUSEMENT	○	10:00 - 22:00	—	
B	BAY SIDE MARINA	SHOP	×	11:00 - 21:00	THREE HOURS	
		RESTAURANT	×	11:00 - 13:00 18:00 - 21:00	ONE HOUR	
C	YAMASHITA PARK	FAMOUS PLACE	×	—	ONE HOUR	
D	ART MUSEUM	FACILITY	×	10:00 - 17:00	THIRTY MINUTES	
E	CHINESE NOODLES RESTAURANT	RESTAURANT/FAMOUS PLACE	×	11:00 - 23:00	TWO HOURS	

FIG. 15

	ROUTE PATTERN	A	B	C	D	E	HOME
1	E → D → C → B → A → (HOME)	18:30	15:00	14:30	13:30	11:00	22:00
2	B → E → C → D → A → (HOME)	18:10	10:50	15:20	16:10	14:10	22:10
3	E → D → C → A → B → (HOME)	15:30	17:50	14:20	13:30	10:50	20:50

FIG. 16

【ROUTE PLAN】

A JUDGMENT OK : ○

START	
HOME	9:00
CHINESE NOODLES RESTAURANT	11:00
ART MUSEUM	13:30
YAMASHITA PARK	14:30
BAY SIDE MARINA	15:30
SEA PARADISE	18:30
HOME	22:00
GOAL	

B JUDGMENT NG : △

START	
HOME	9:00
BAY SIDE MARINA	10:50
CHINESE NOODLES RESTAURANT	14:10
YAMASHITA PARK	15:20
ART MUSEUM	16:10
SEA PARADISE	18:10
HOME	22:10
GOAL	

C JUDGMENT NG : ×

START	
HOME	9:00
CHINESE NOODLES RESTAURANT	10:50
ART MUSEUM	13:30
YAMASHITA PARK	14:10
SEA PARADISE	15:30
BAY SIDE MARINA	17:50
HOME	20:50
GOAL	

FIG. 17

	ROUTE PLAN		A	B	C	D	E	HOME
1	E → D → C → B → A → (HOME)	○	18:30 ○	15:00 ○	14:30 —	13:30 ○	11:00 ○	22:00 ○
2	B → E → C → D → A → (HOME)	△	18:10 ○	10:50 ×	15:20 —	16:10 ○	14:10 ○	22:10 ○
3	E → D → C → A → B → (HOME)	×	15:30 ○	17:50 ×	14:20 —	13:30 ○	10:50 ×	20:50 ○

FIG. 18

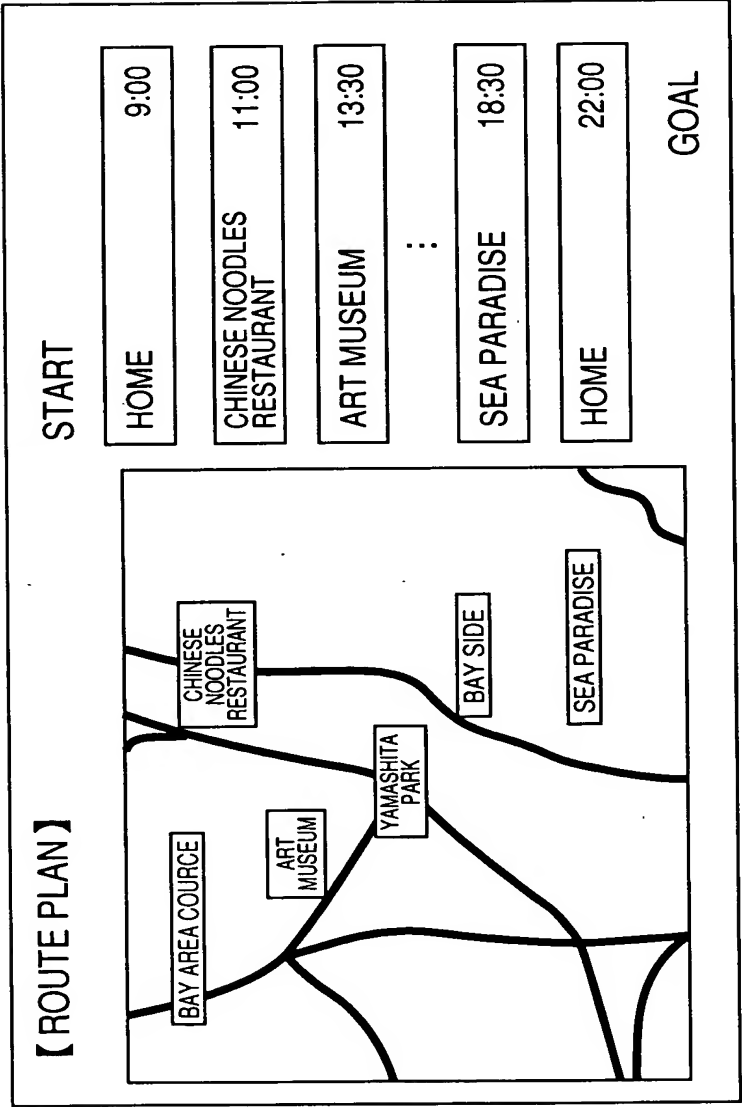


FIG. 19

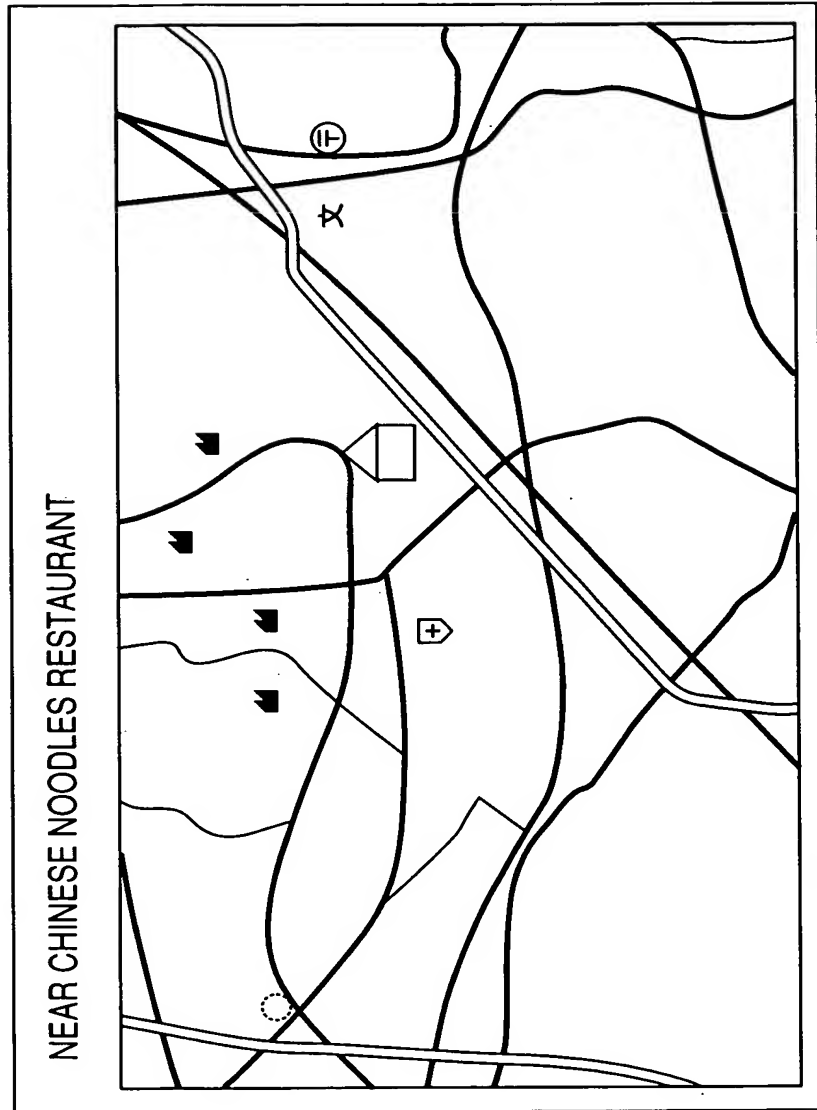


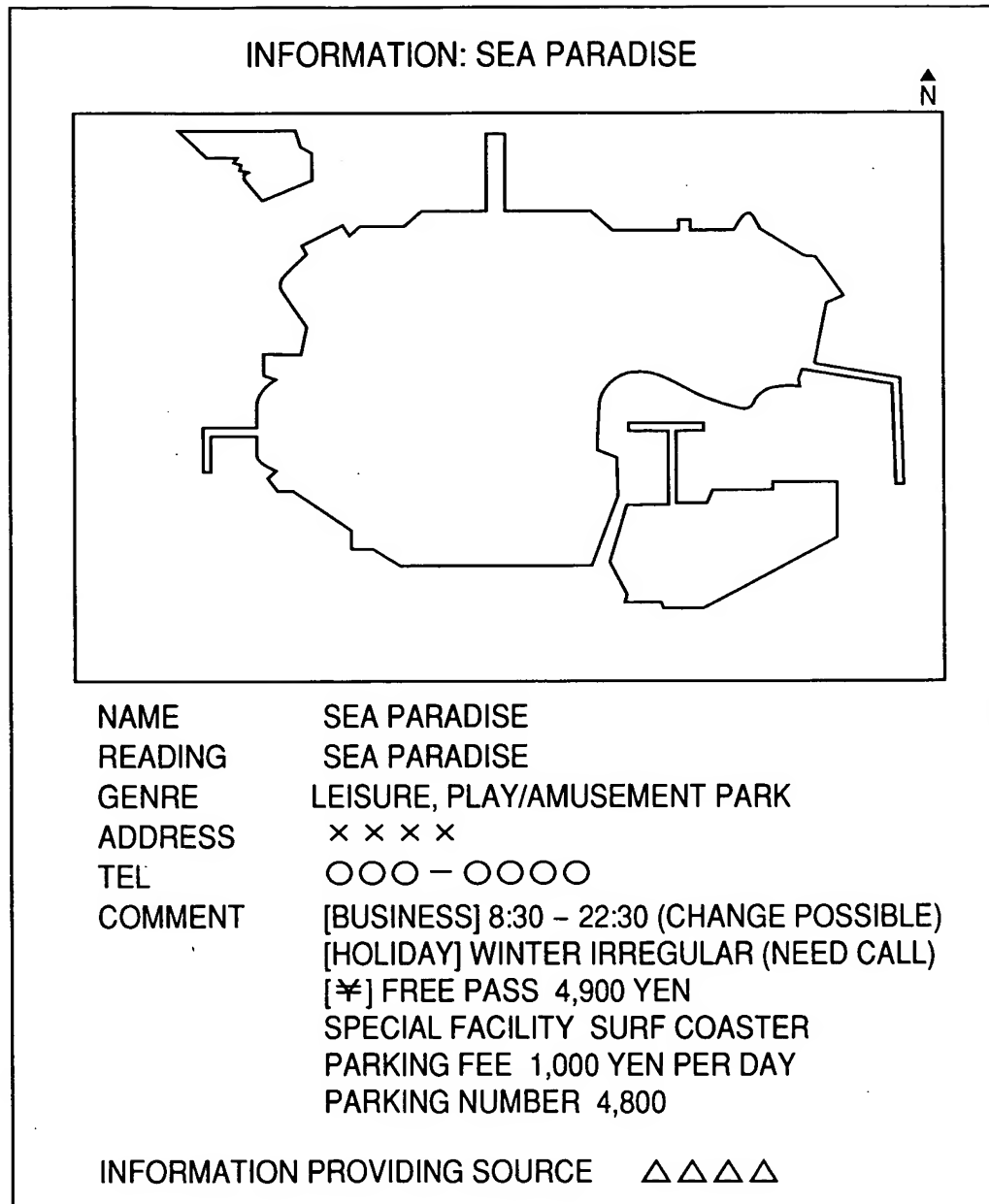
FIG. 20

FIG. 21

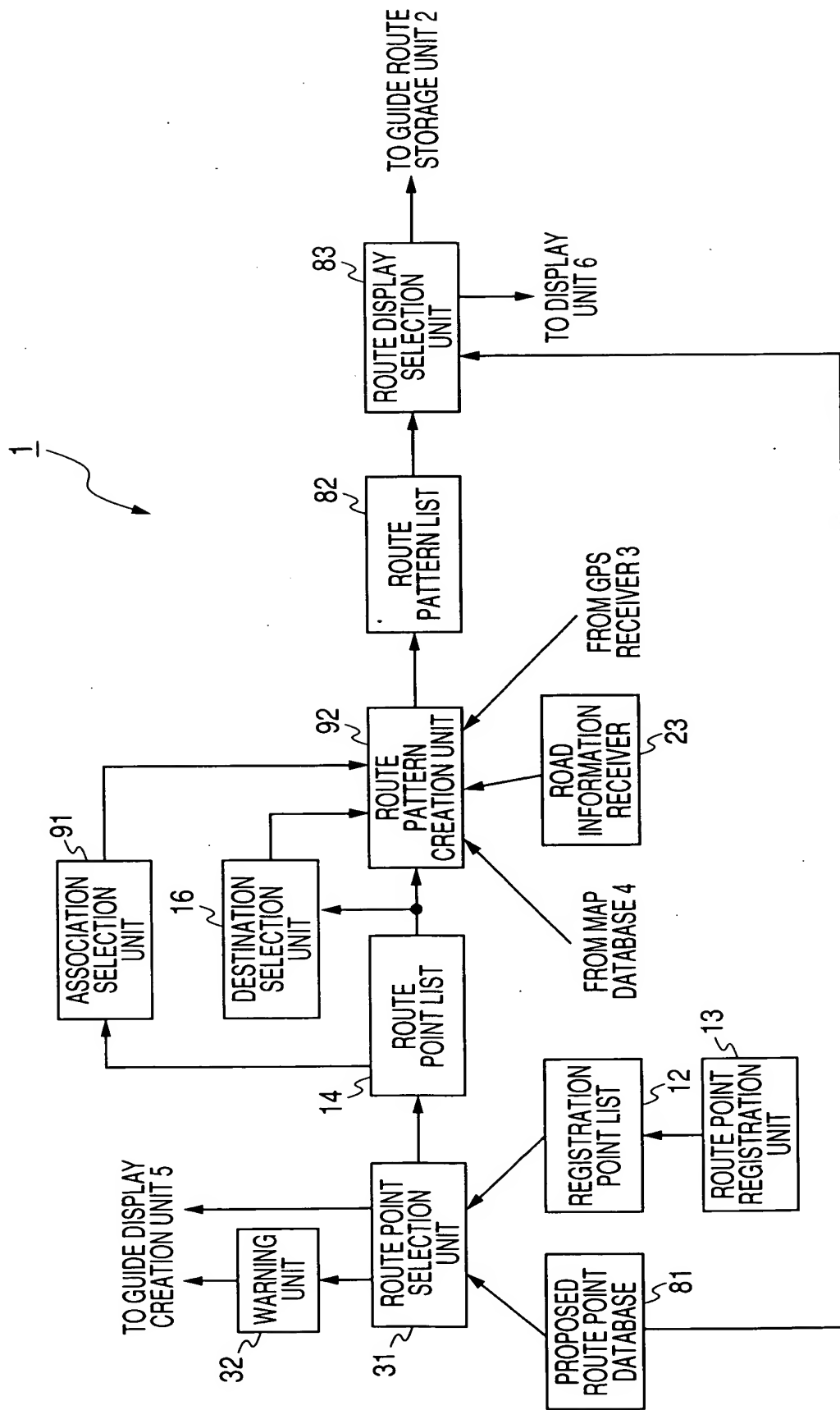


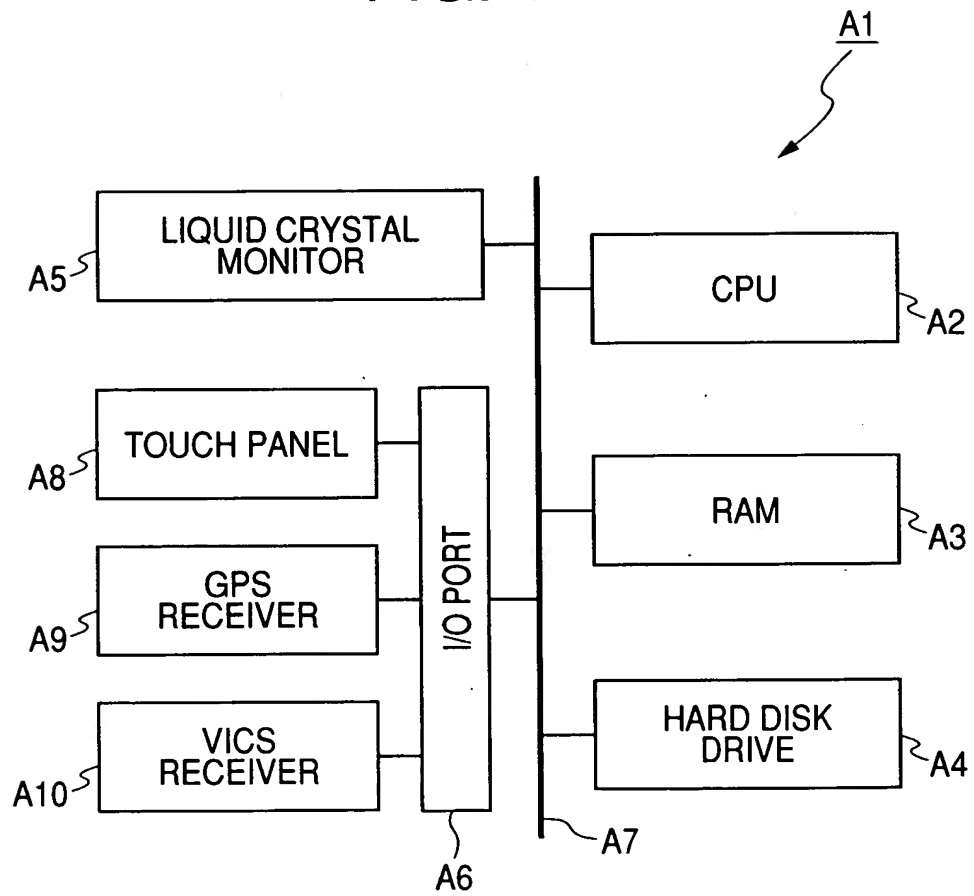
FIG. 22

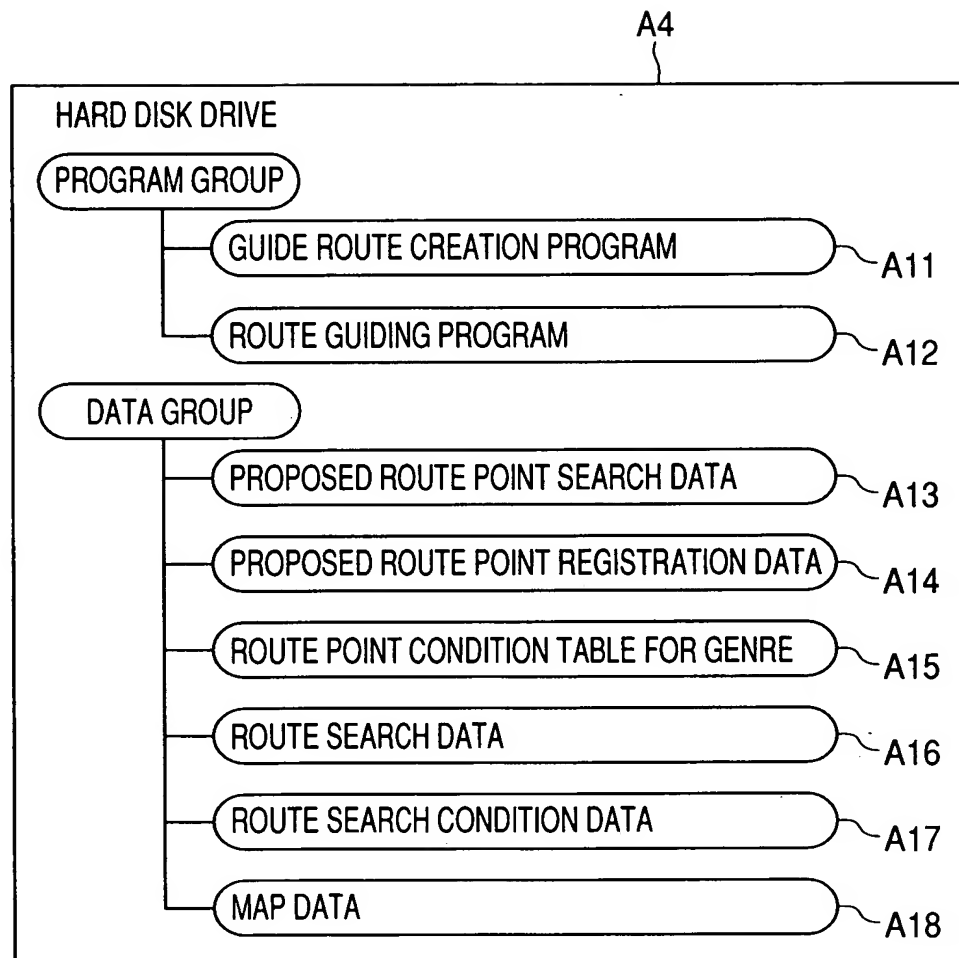
FIG. 23

FIG. 24

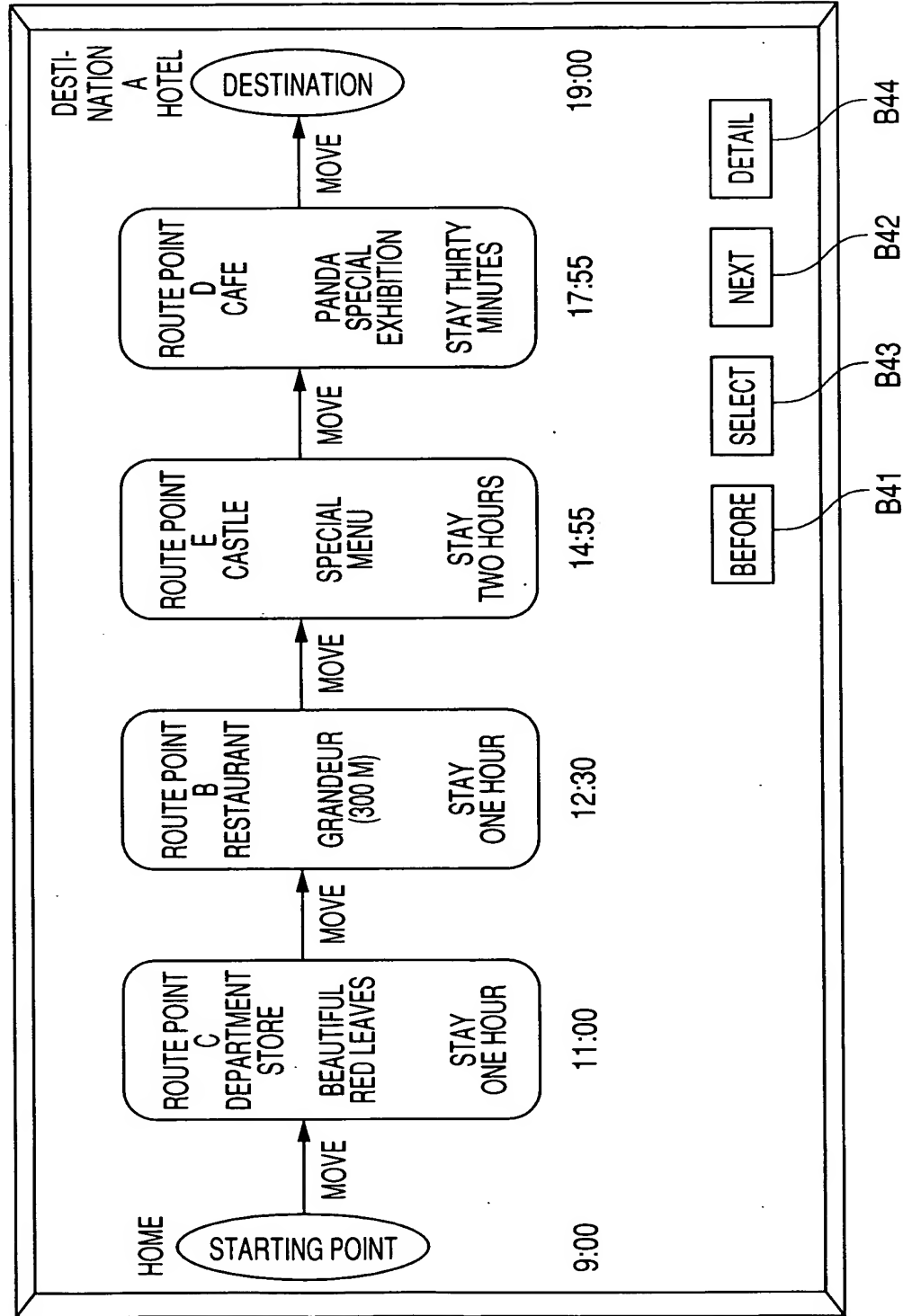


FIG. 25

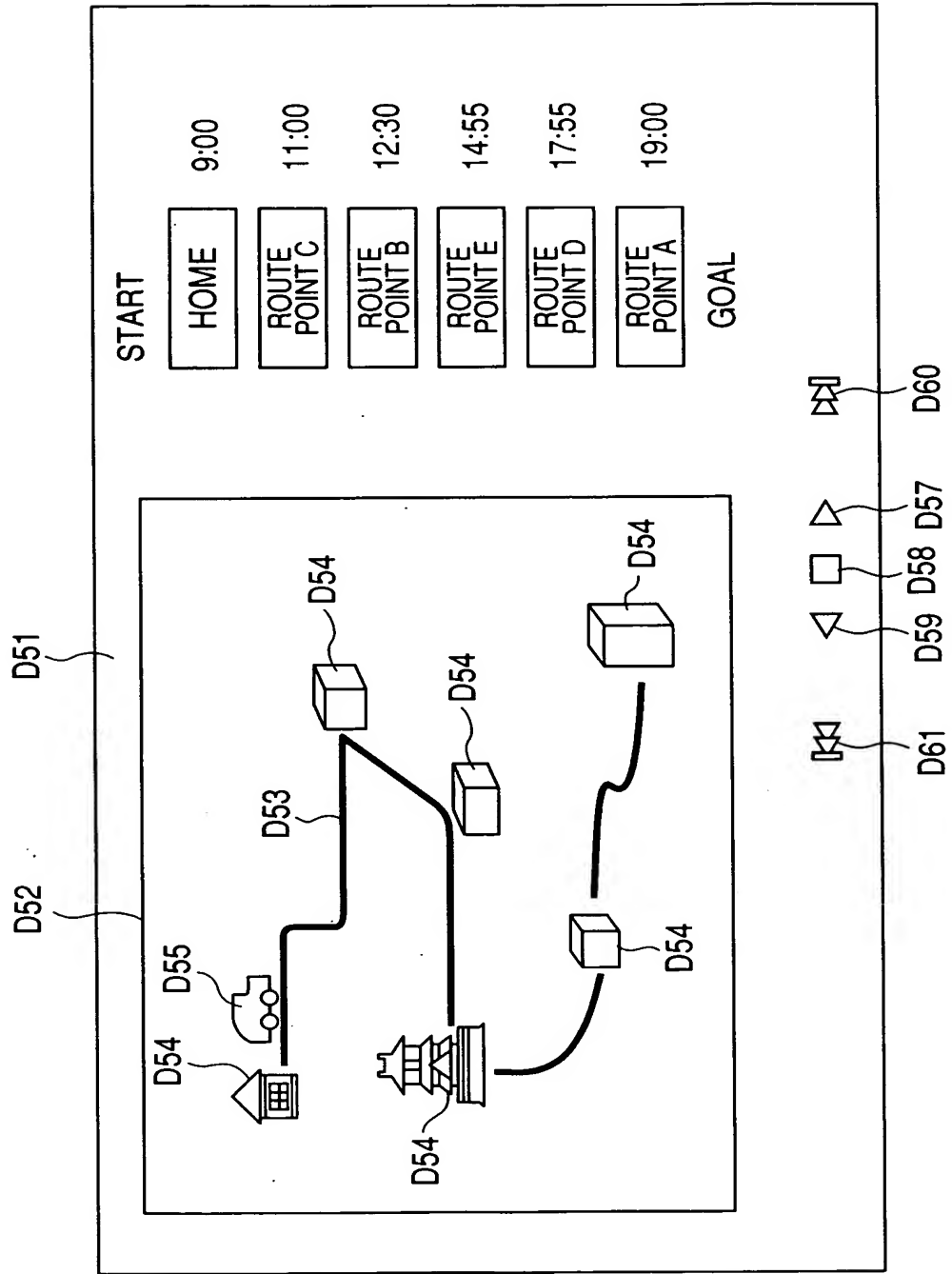


FIG. 26

A13

	C21 NAME	C22 GENRE	C23 DESTINATION	C24 GUIDE TIME ZONE	C25 POINT
A	○△ HOTEL	HOTEL	○	15:00 -	1234
B	RESTAURANT ○■	RESTAURANT	×	11:00 - 13:00, 18:00 - 21:00	4587
C	○○ DEPARTMENT STORE	DEPARTMENT STORE	×		1223
D	□○ CAFE	CAFE	×	8:00 - 11:00, 15:00 - 19:00	1446
E	□■ CASTLE	FAMOUS PLACE	×		4683
F	RISTORANTE △	RESTAURANT	×	11:00 - 13:00, 18:00 - 21:00	1597

FIG. 27

A15

C31

C32

STAY TIME														
GENRE	INITIAL VALUE	ONE	TWO			THREE TO FOUR					FIVE TO EIGHT		NINE OR MORE	
			LOVER	MARRIED COUPLE	WITH CHILDREN	FAMILY			WITH NEIGH-BORS	WITH FRIENDS	FAMILY	WITH FRIENDS	FAMILY	
						FAMILY	WITH GRANDFATHER AND GRANDMOTHER	WITH RELATION						
HOTEL	EIGHTEEN HOURS				TWELVE HOURS	TWELVE HOURS	FIFTEEN HOURS	THIRTEEN HOURS	—	—	—	—	—	—
RESTAURANT	ONE HOUR	FORTY AND FIVE MINUTES	ONE AND HALF HOURS		ONE AND HALF HOURS	ONE AND HALF HOURS	TWO HOURS	TWO HOURS	TWO HOURS	ONE AND HALF HOURS	TWO HOURS	TWO HOURS	TWO HOURS	TWO HOURS
DEPARTMENT STORE	ONE HOUR	TWO HOURS	THREE HOURS	TWO HOURS	FOUR HOURS	FOUR HOURS	FIVE HOURS	TWO HOURS	FIVE HOURS	SIX HOURS	SIX HOURS	SIX HOURS	SIX HOURS	SIX HOURS
CAFE	THIRTY MINUTES	THIRTY MINUTES	ONE HOUR		ONE HOUR	ONE AND HALF HOURS	ONE HOUR	ONE HOUR	TWO HOURS	ONE HOUR	ONE AND HALF HOURS	ONE AND HALF HOURS	ONE AND HALF HOURS	ONE AND HALF HOURS
FAMOUS PLACE	TWO HOURS				THREE HOURS	THREE HOURS	ONE HOUR		ONE HOUR		THREE HOURS	FOUR HOURS	THREE HOURS	FOUR HOURS

FIG. 28

A1

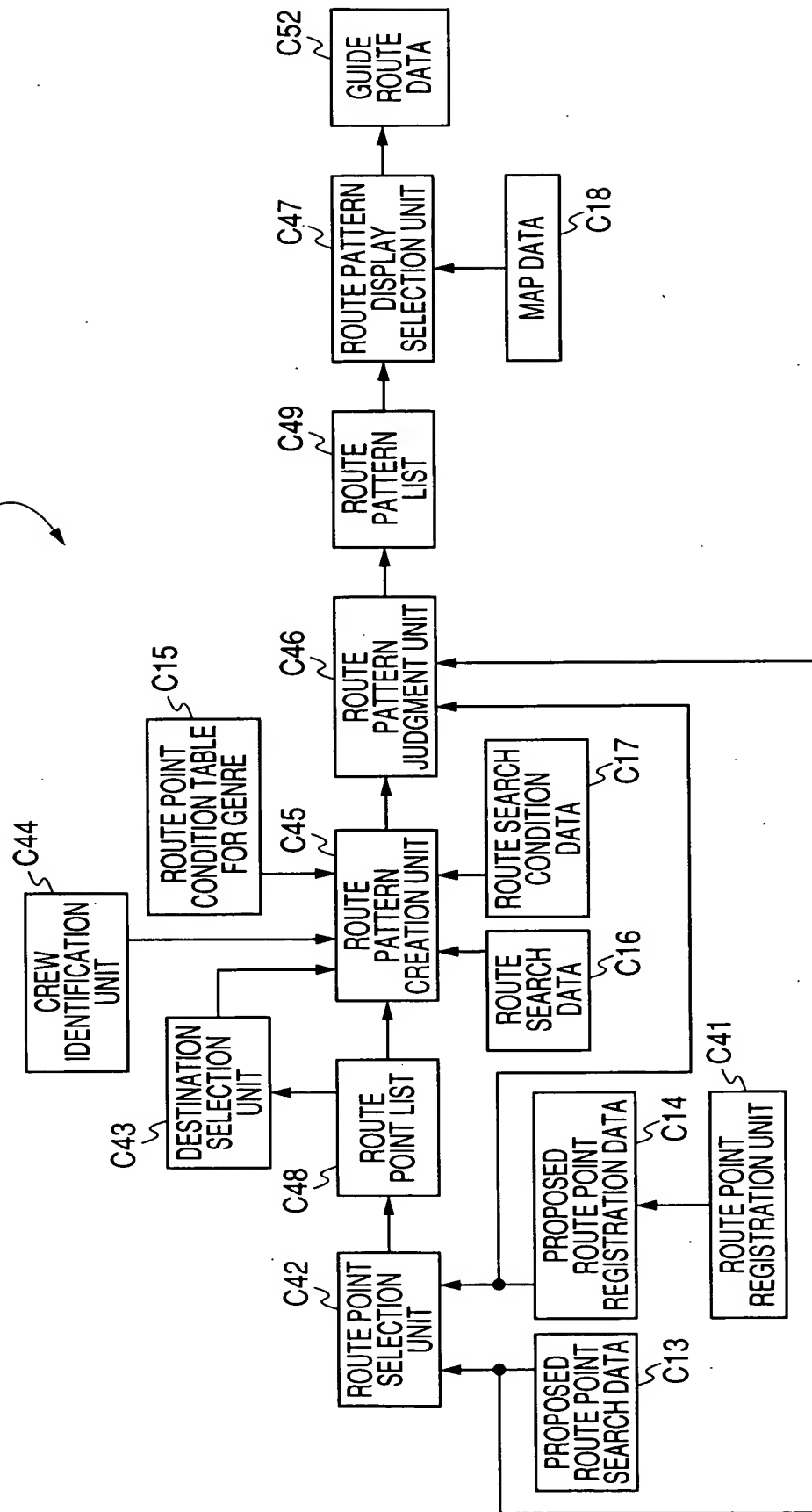


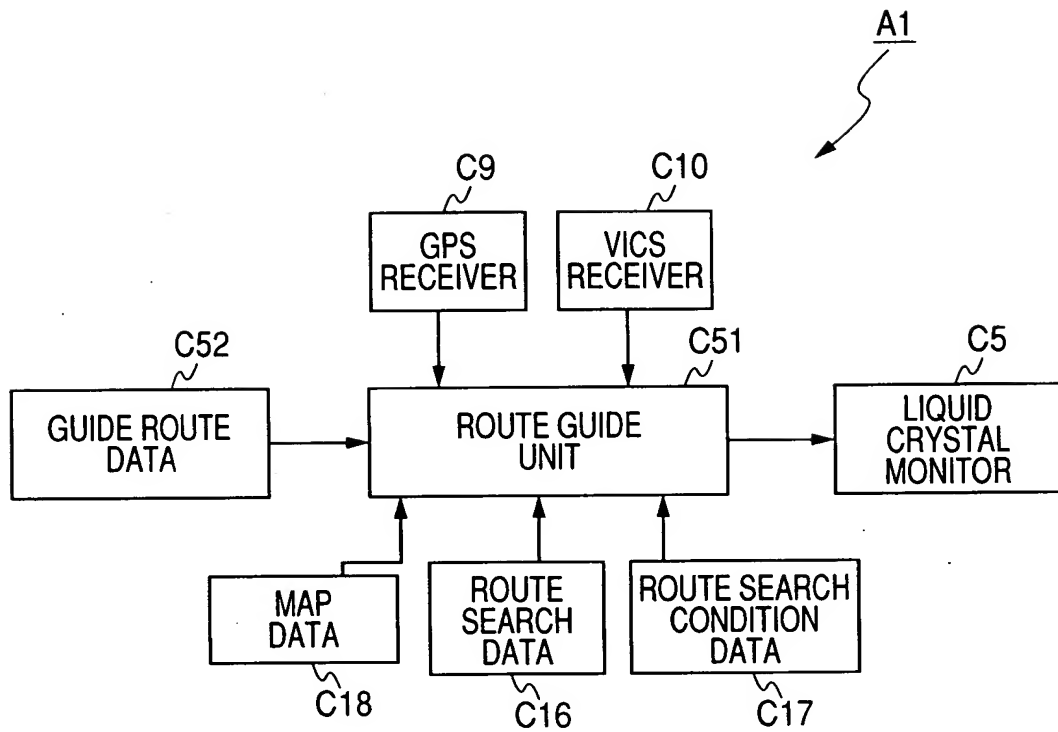
FIG. 29

FIG. 30

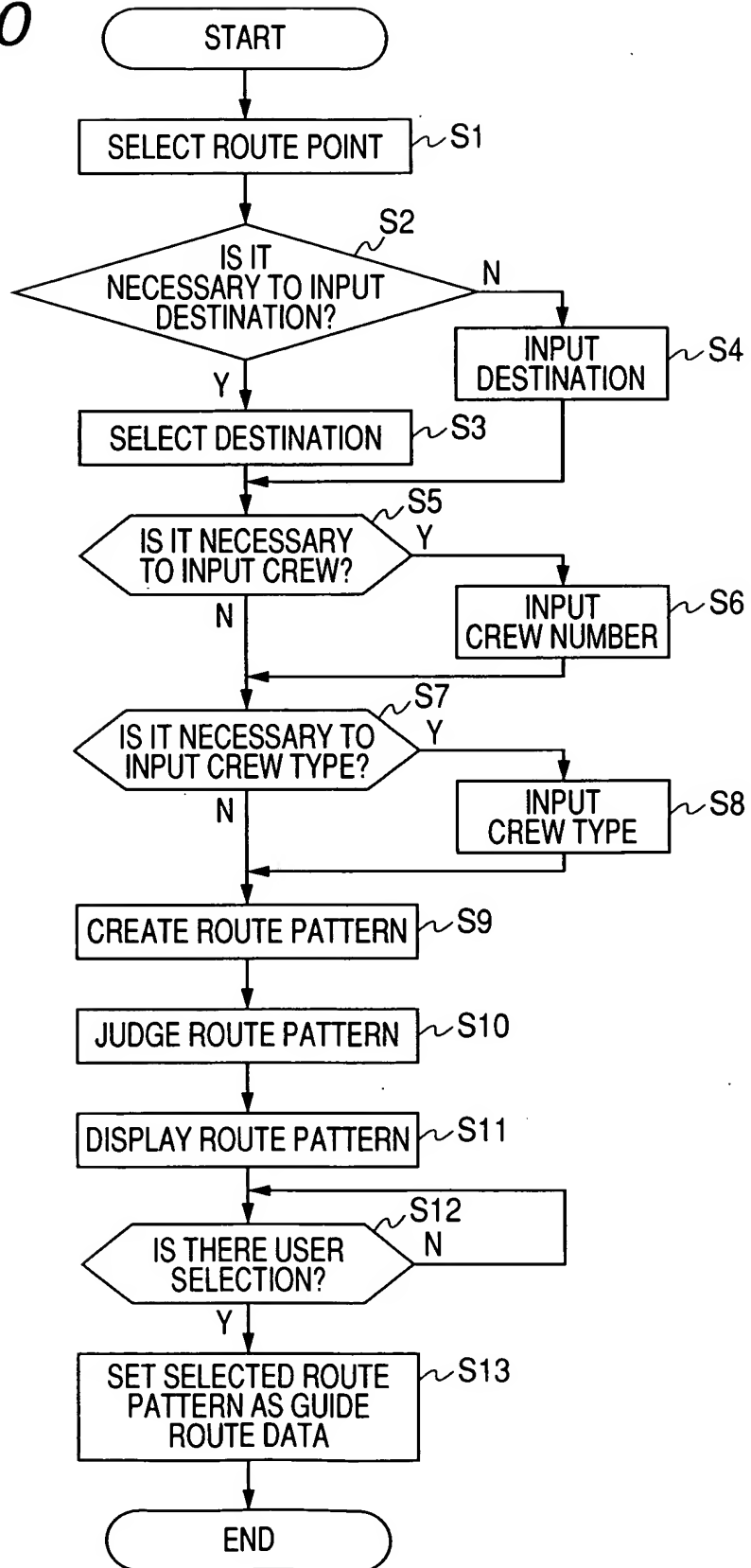


FIG. 31

	<div>C61</div> <div>ROUTE PATTERN</div>	<div>C62</div> <div>A</div>	<div>C62</div> <div>B</div>	<div>C62</div> <div>C</div>	<div>C62</div> <div>D</div>	<div>C62</div> <div>E</div>
1	B → C → D → E → A	18:00	10:30	12:00	14:00	15:00
2	B → C → E → D → A	18:15	10:30	12:00	17:10	14:10
3	C → B → E → D → A	19:00	12:30	11:00	17:55	14:55

A1

FIG. 32

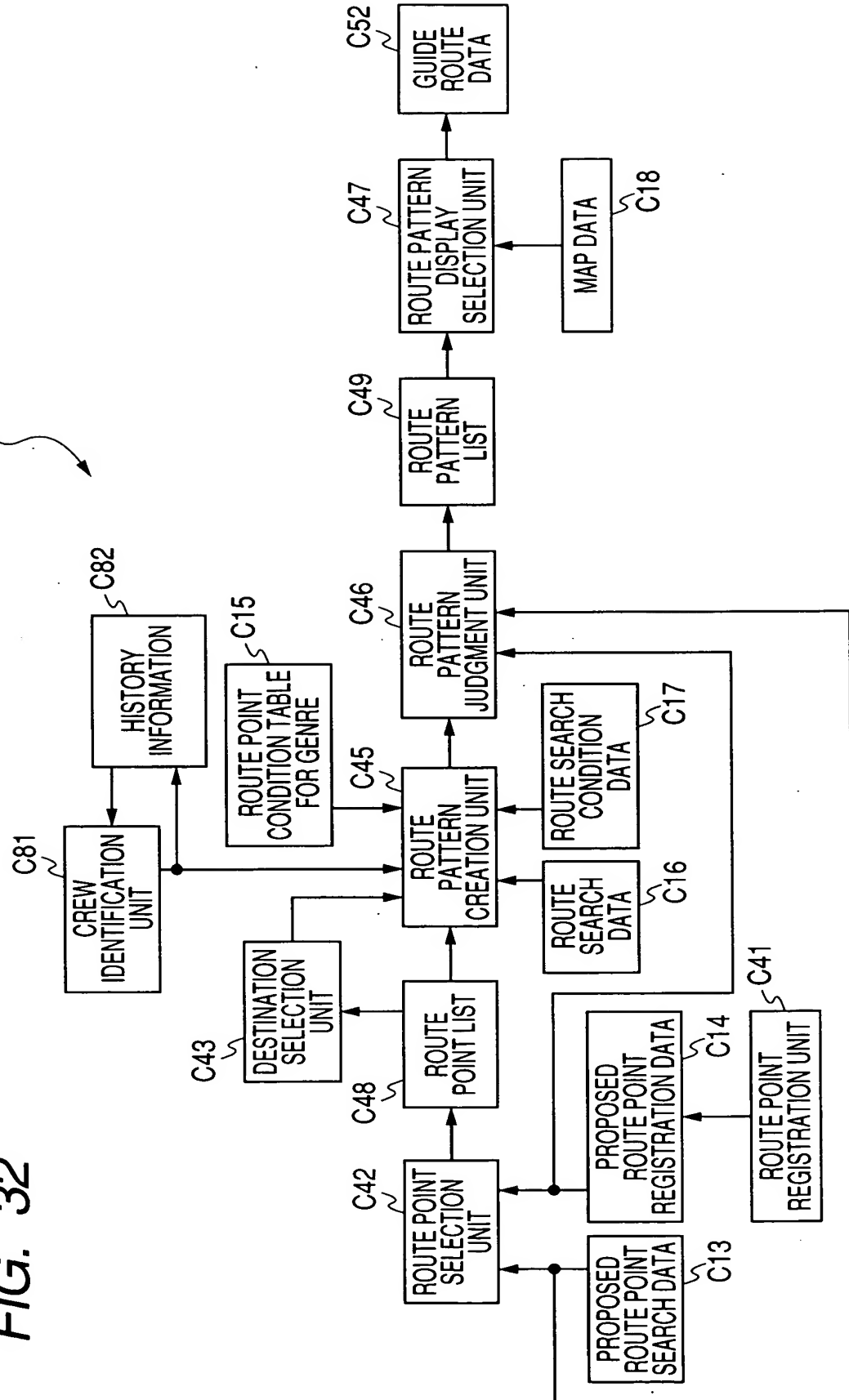


FIG. 33

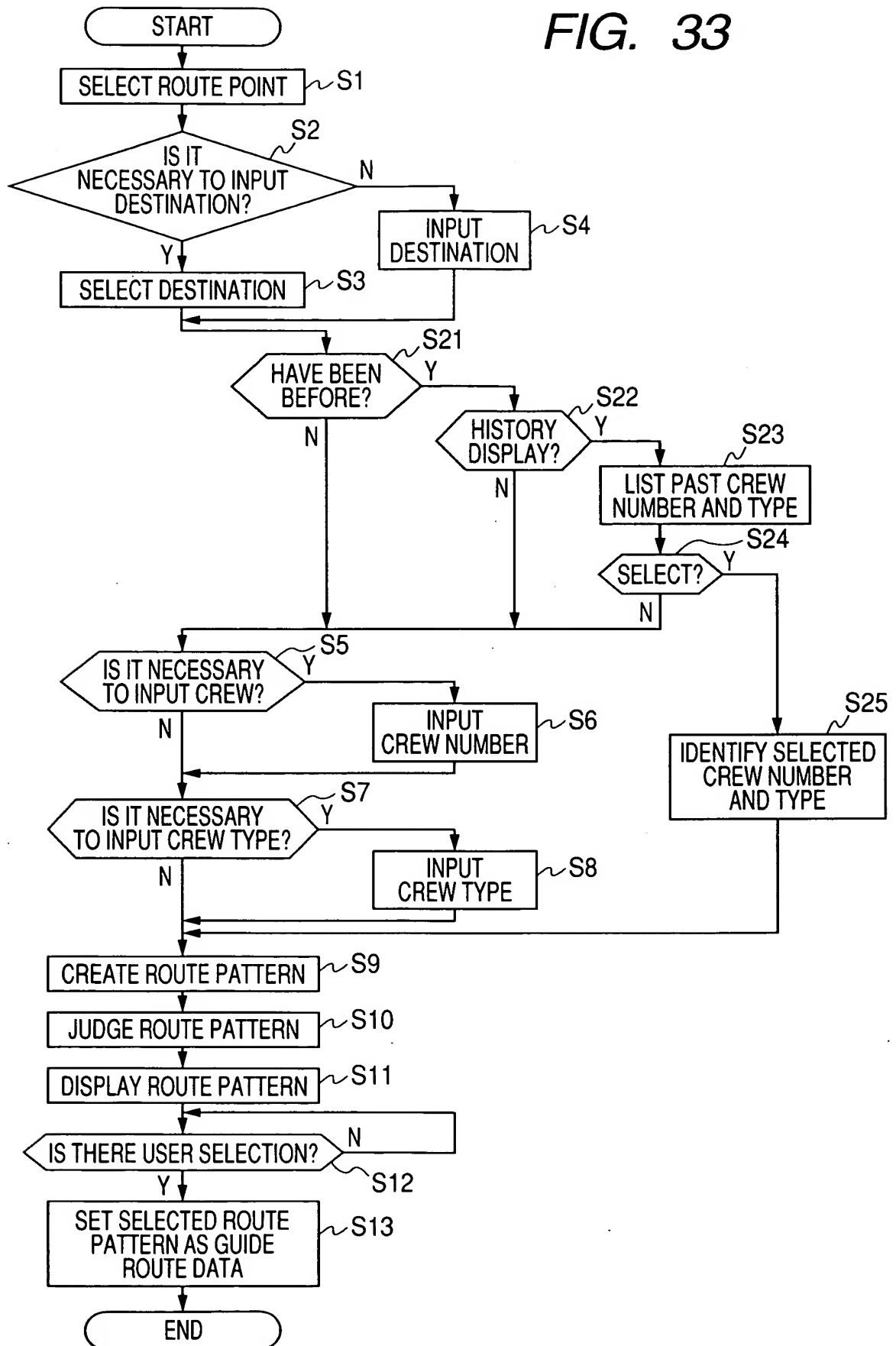


FIG. 34

A1

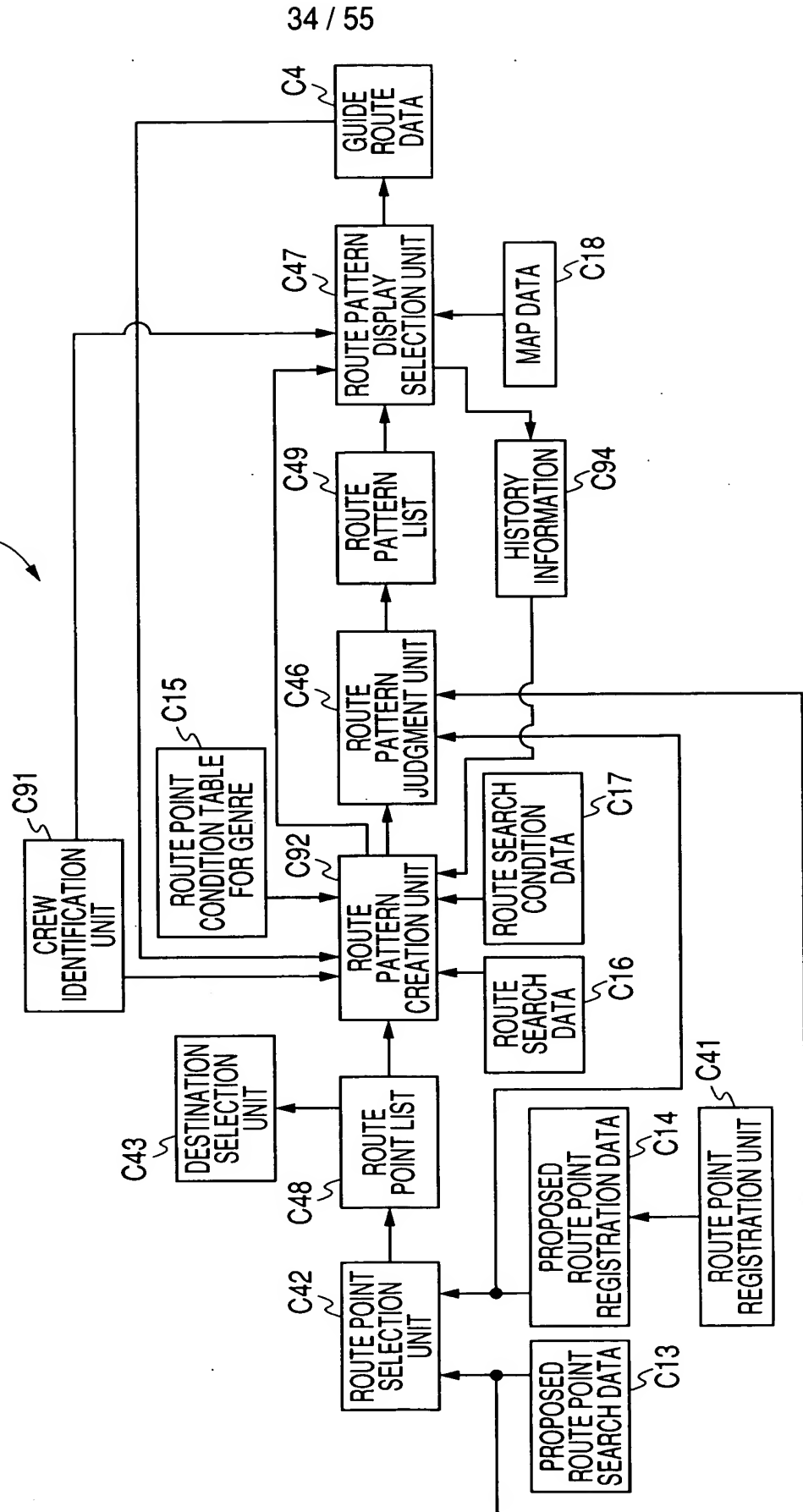


FIG. 35

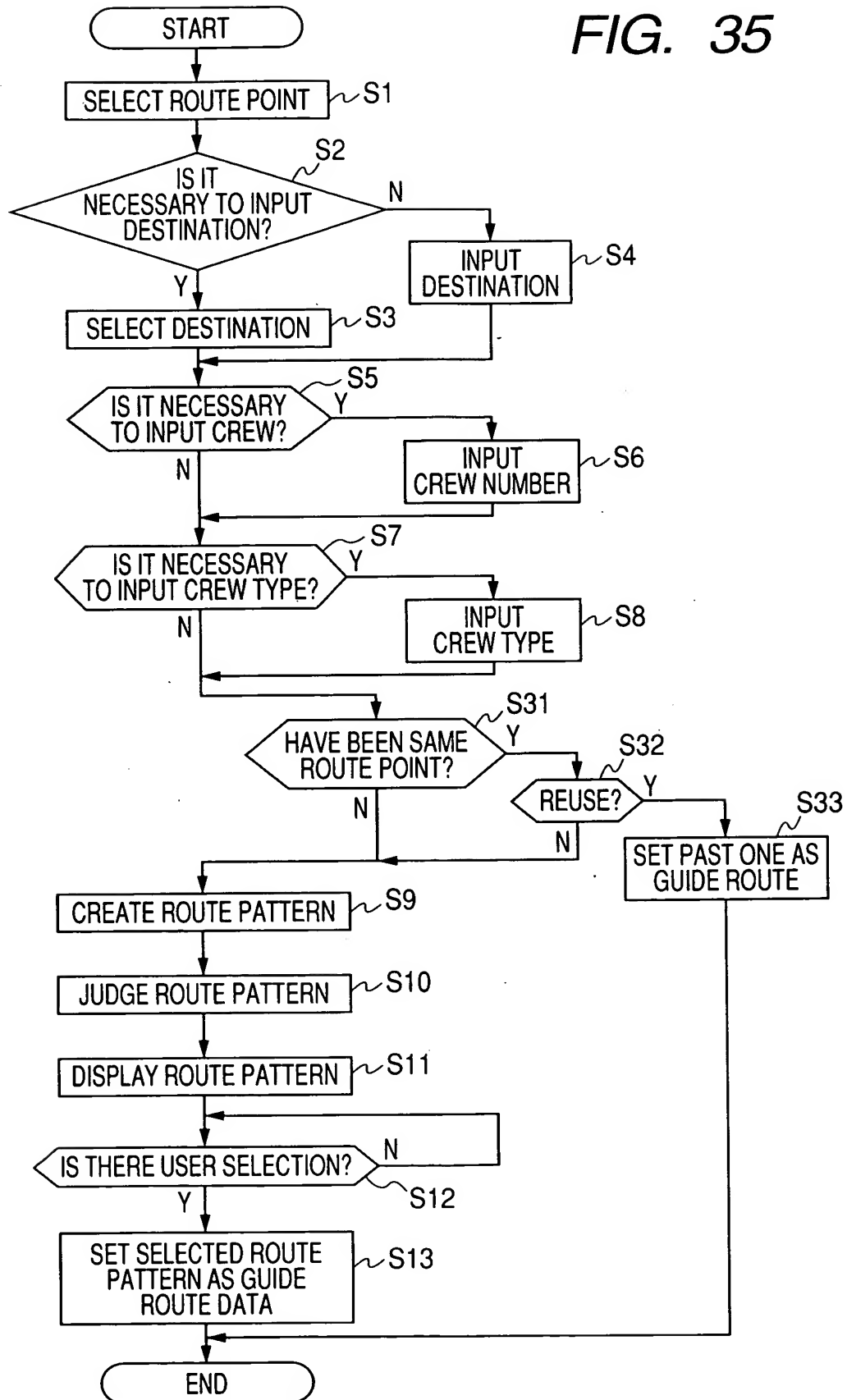


FIG. 36

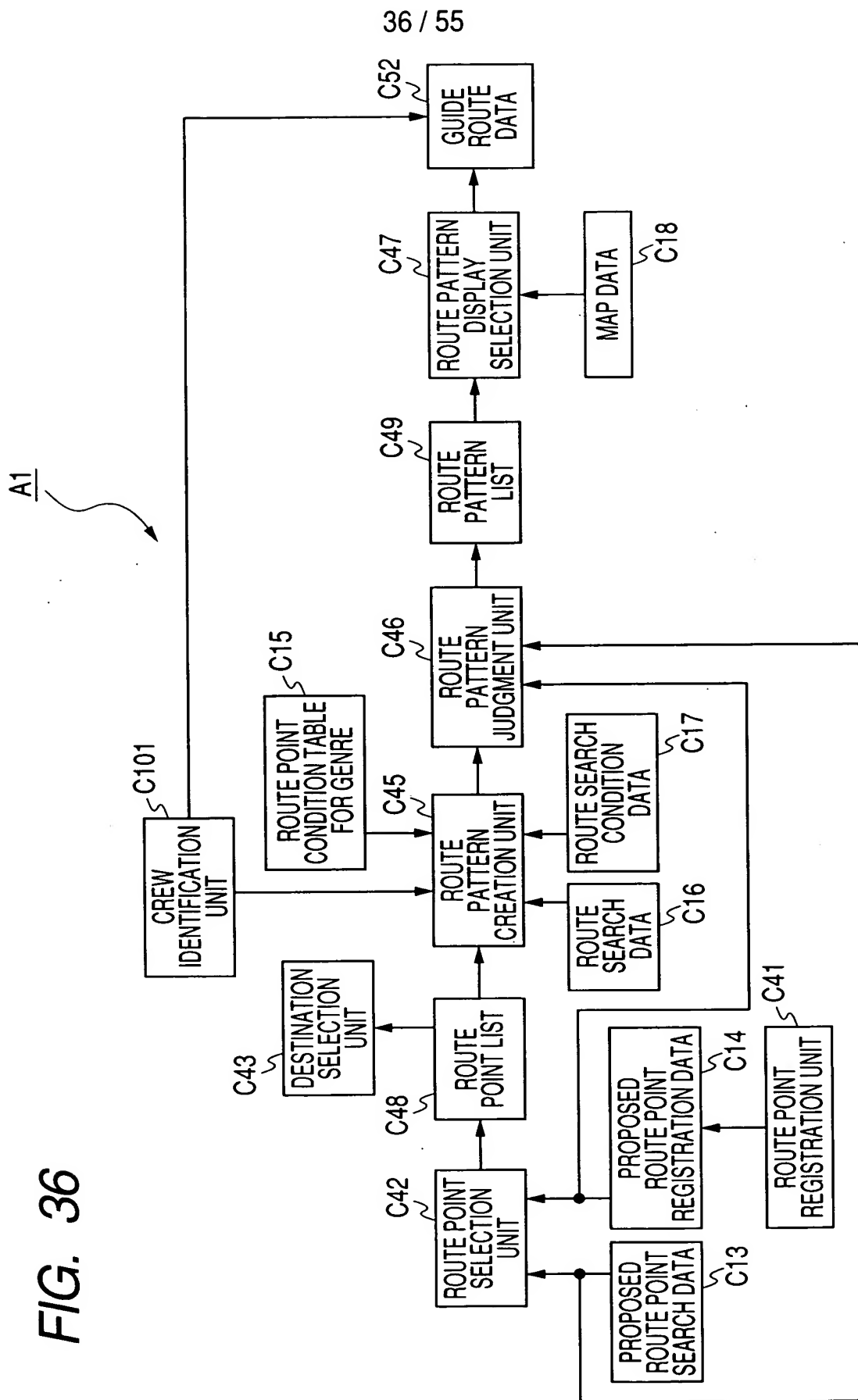


FIG. 37

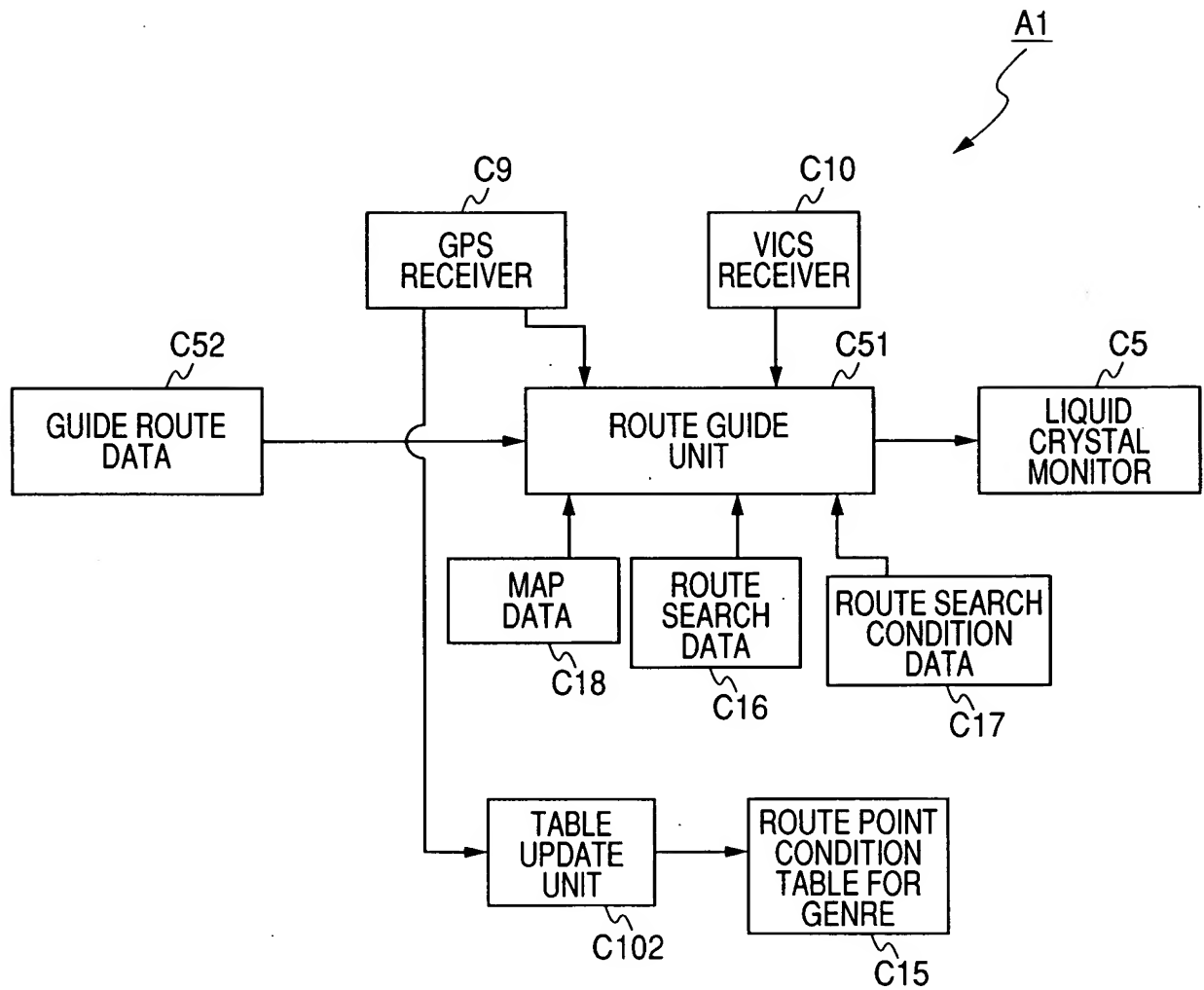
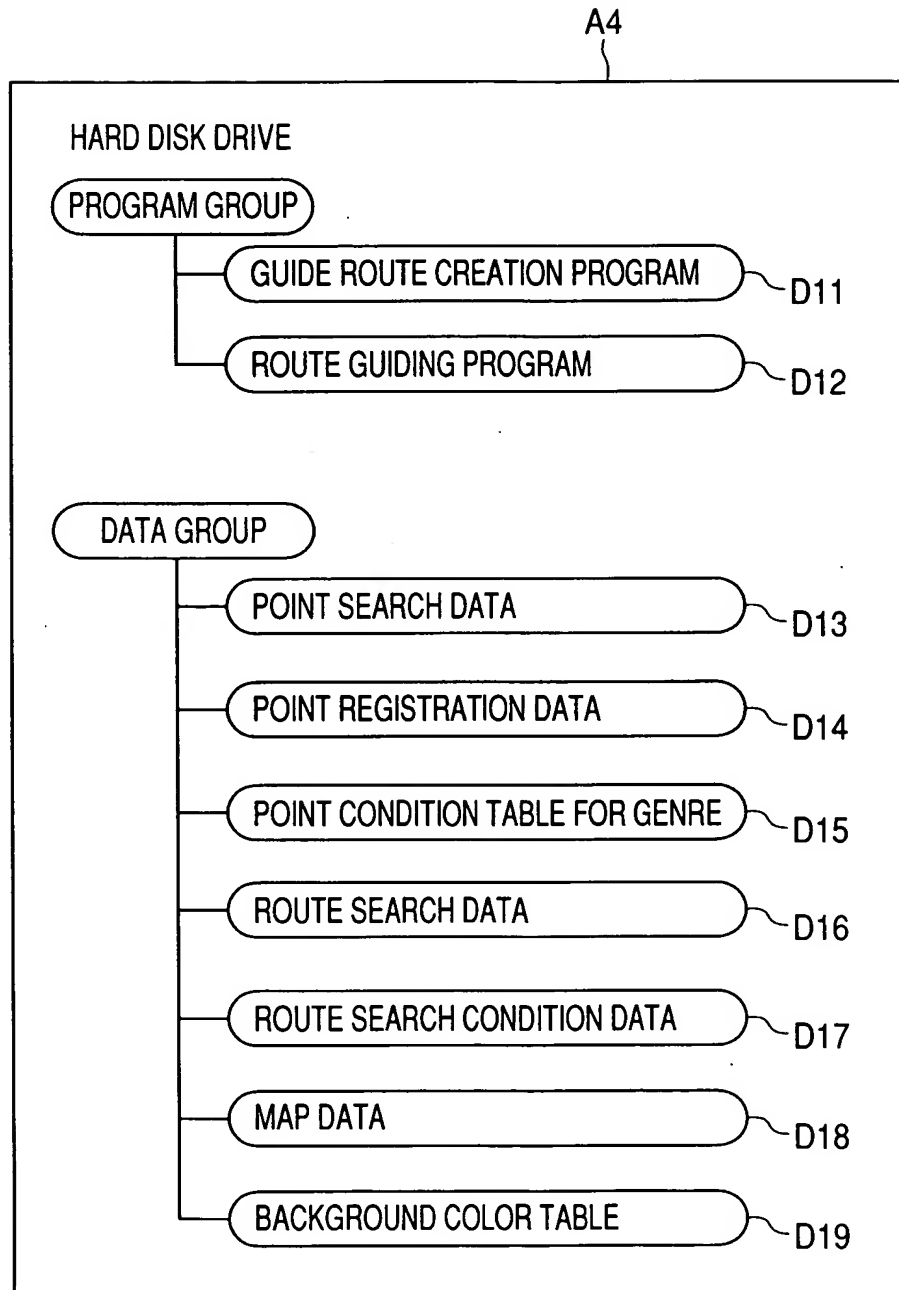


FIG. 38

*FIG. 39*D15

GENRE	STAY TIME
HOTEL	EIGHTEEN HOURS
RESTAURANT	ONE HOUR
DEPARTMENT STORE	ONE HOUR
CAFE	THIRTY MINUTES
FAMOUS PLACE	TWO HOURS

FIG. 40

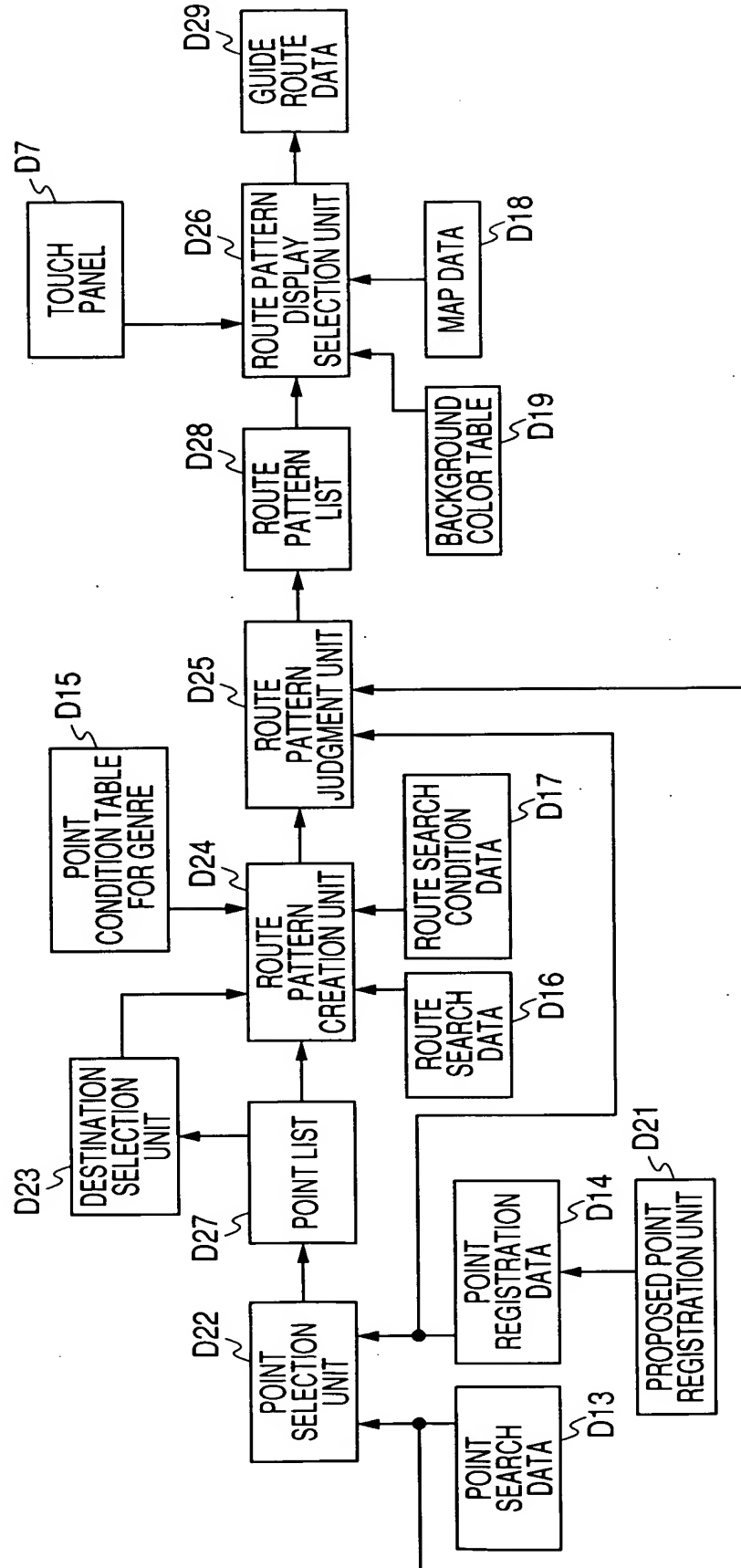


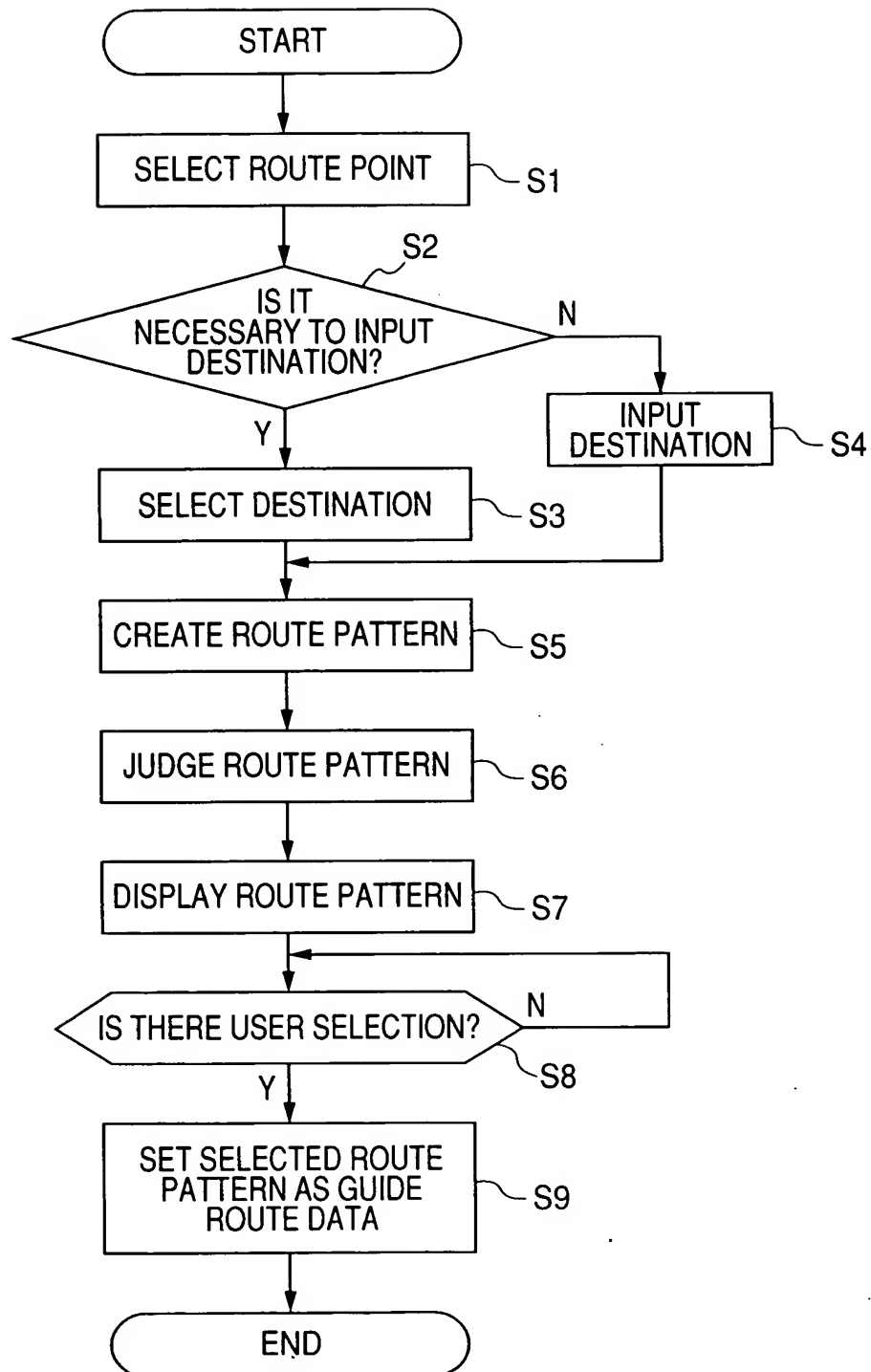
FIG. 41

FIG. 42

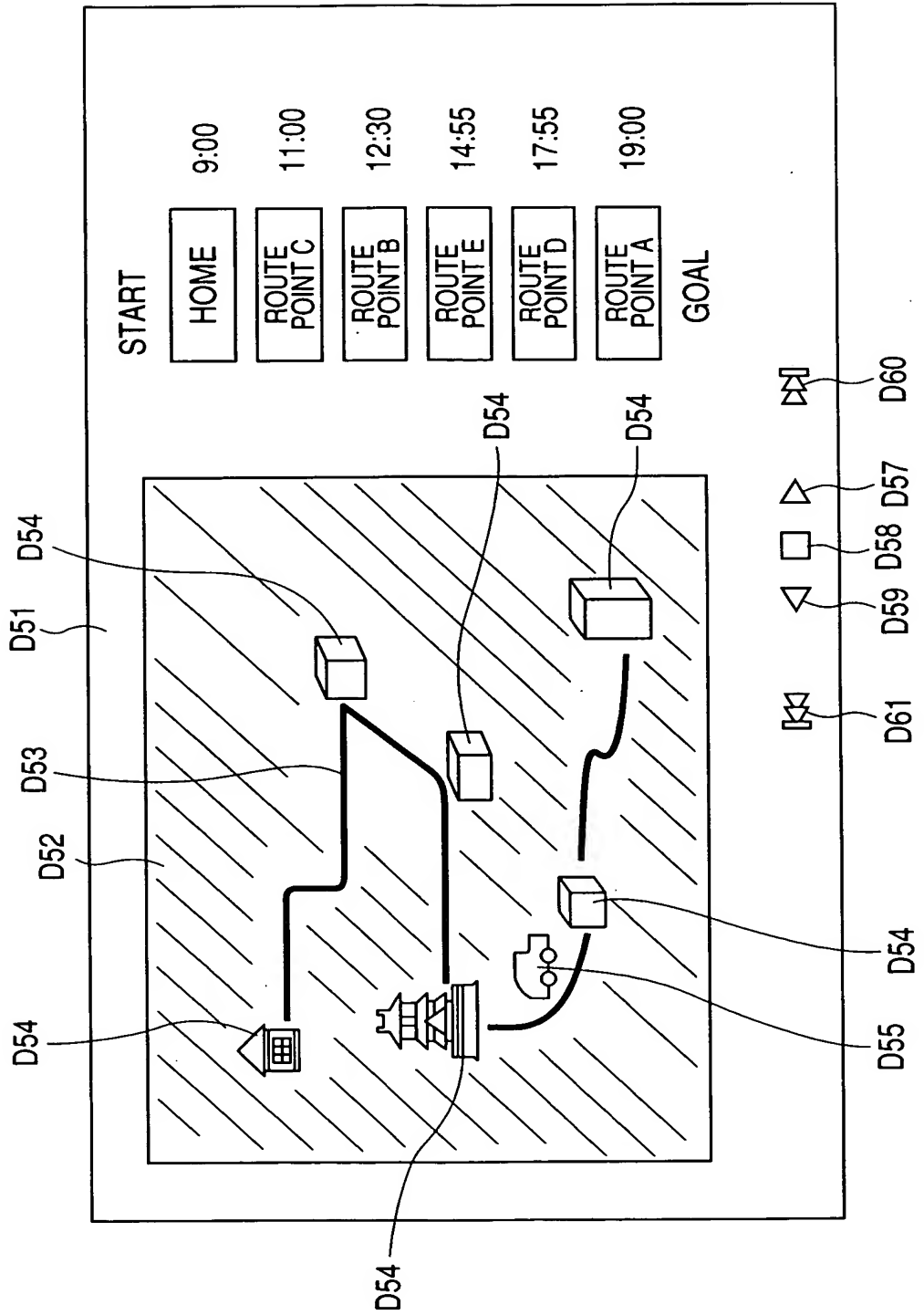


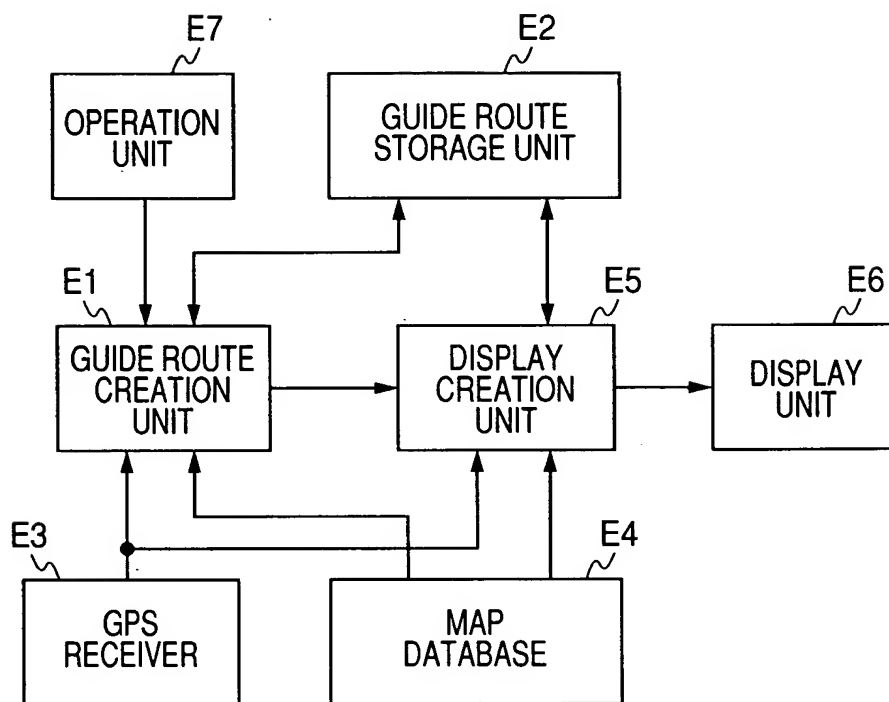
FIG. 43

FIG. 44

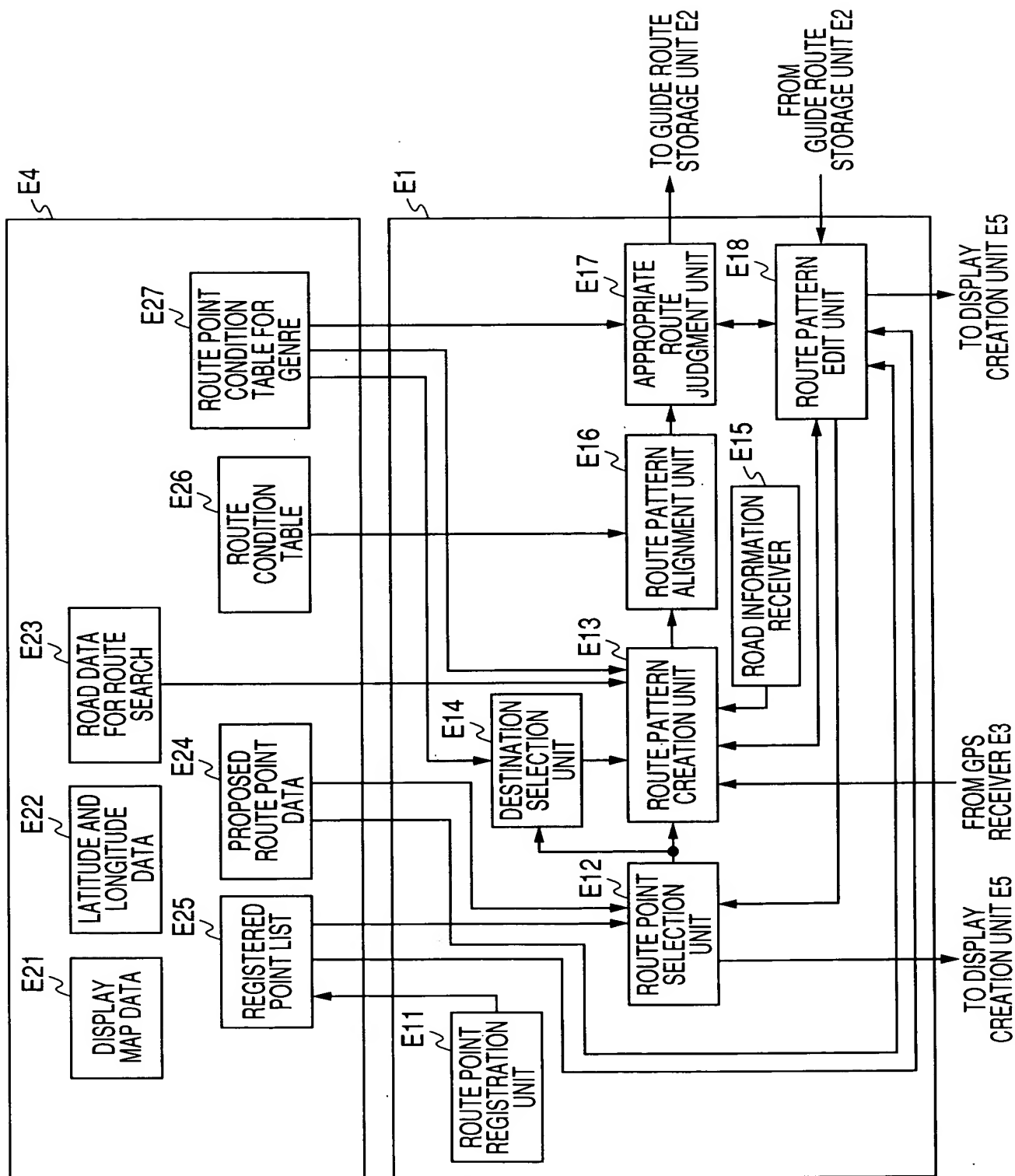


FIG. 45

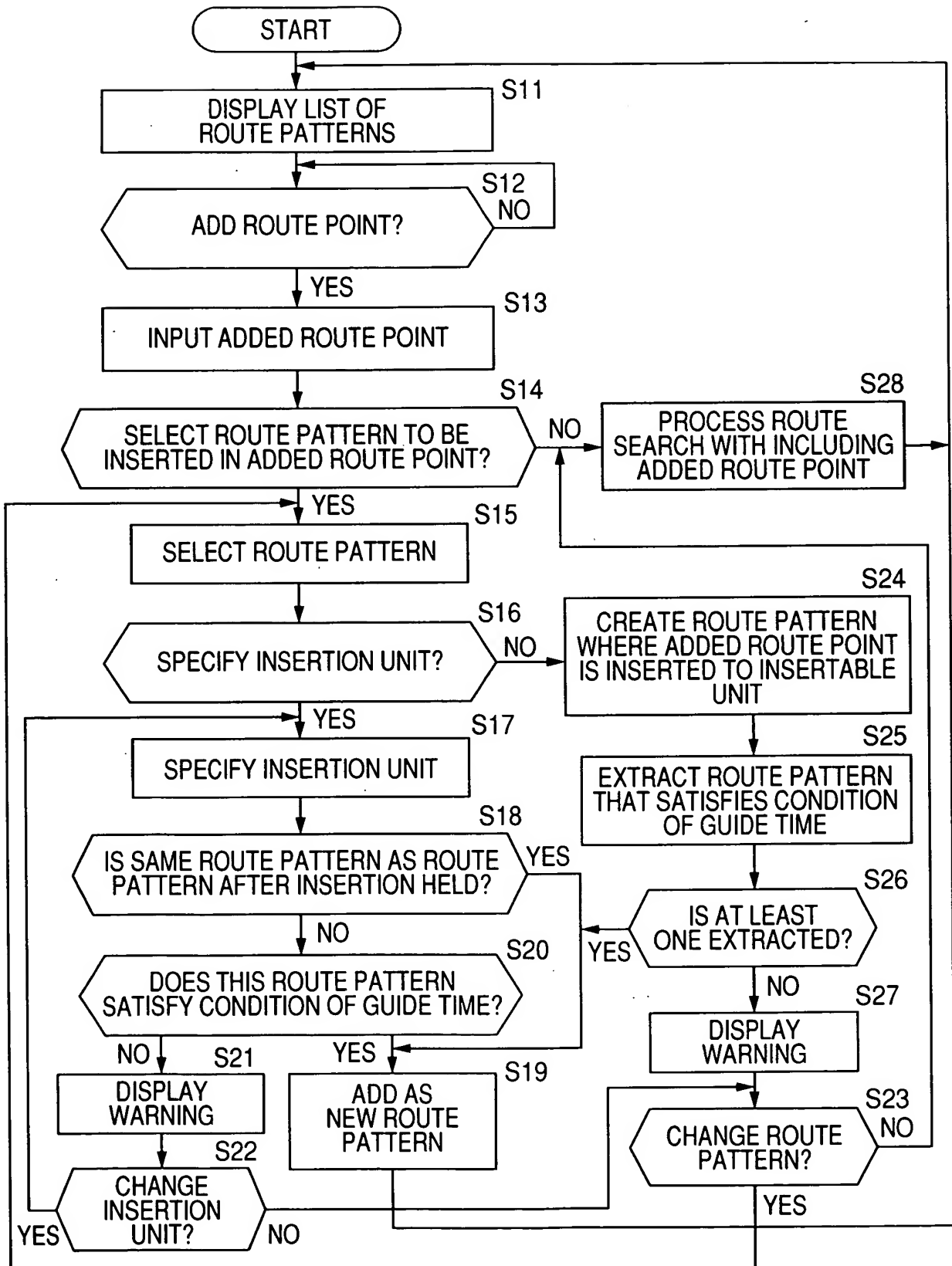


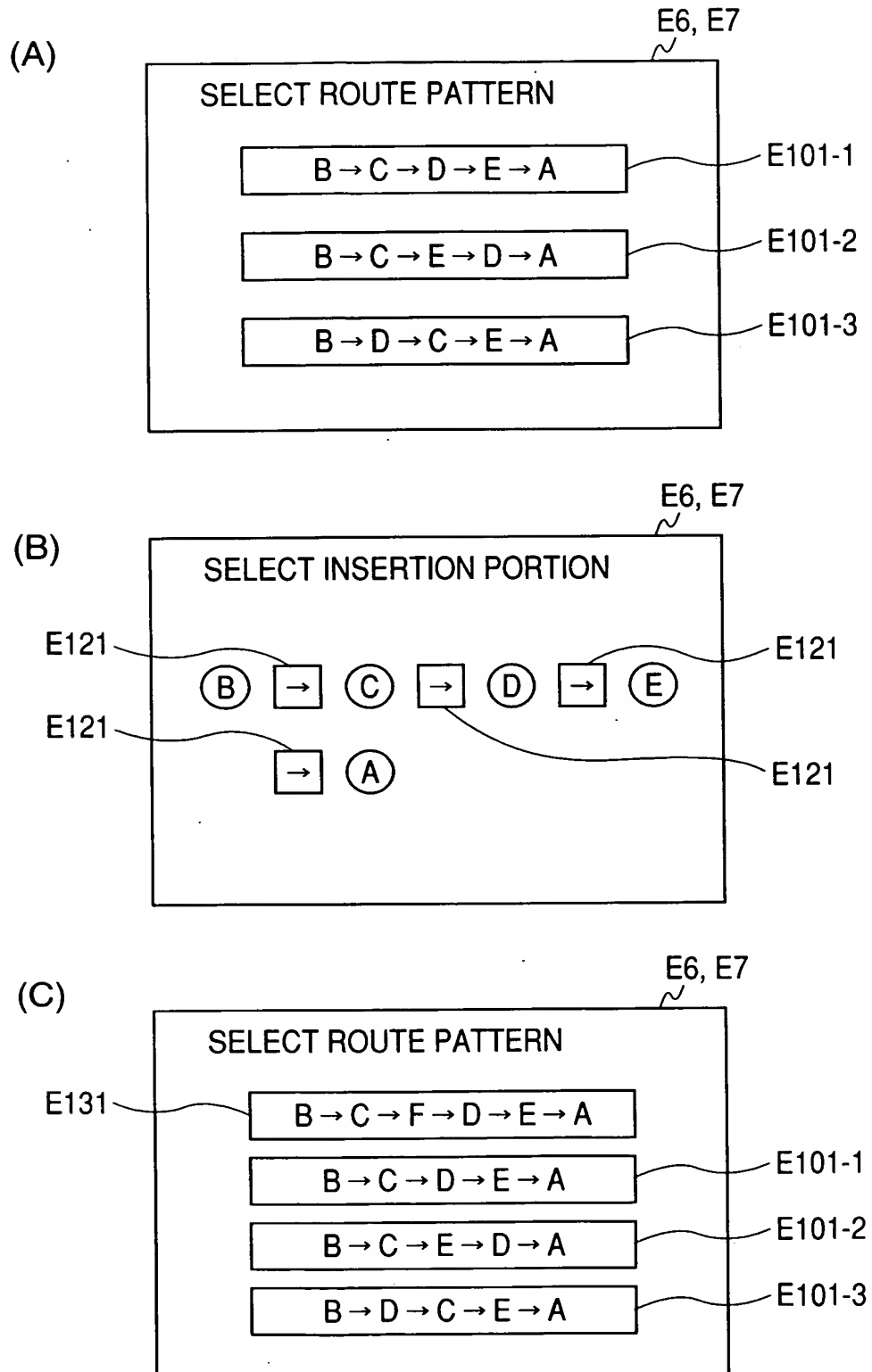
FIG. 46

FIG. 47

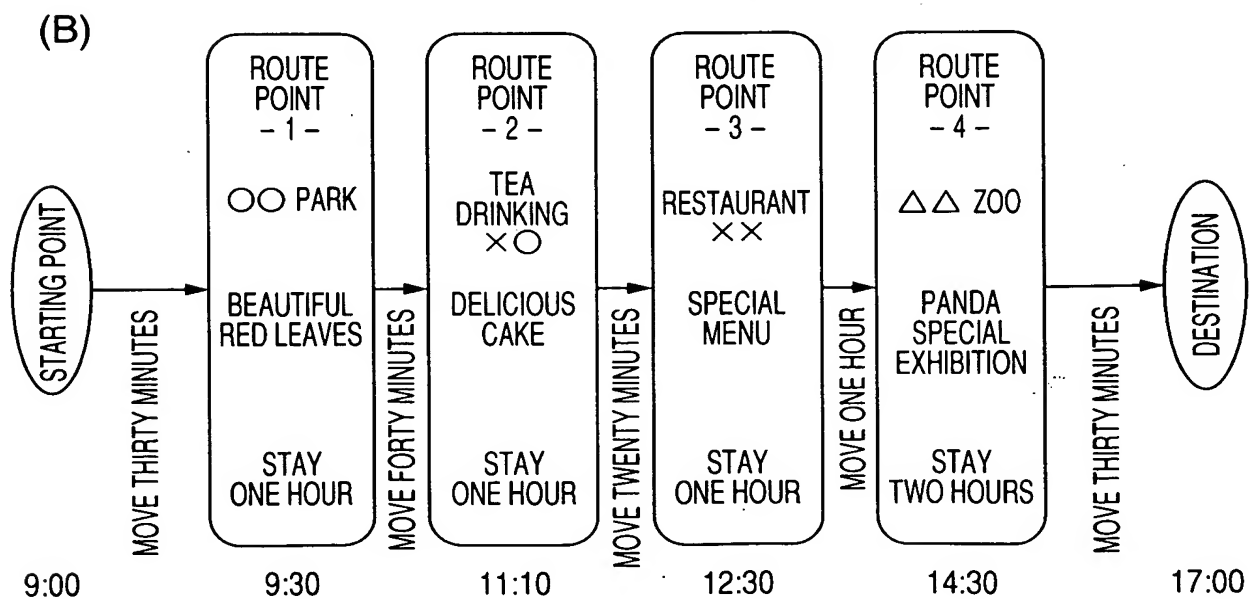
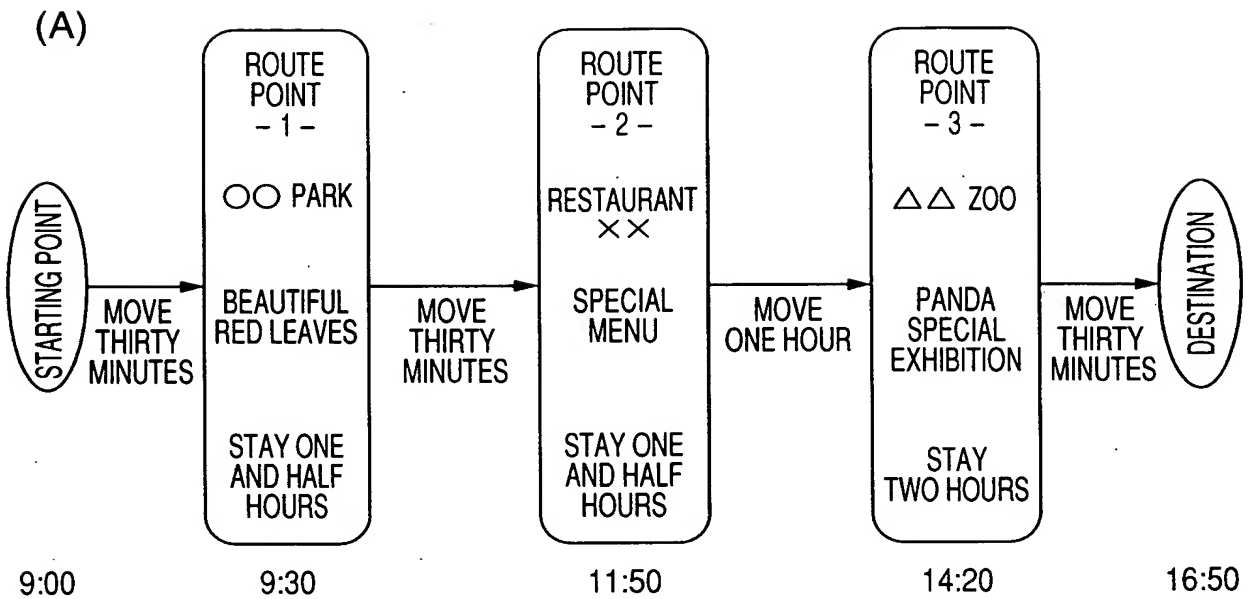


FIG. 48

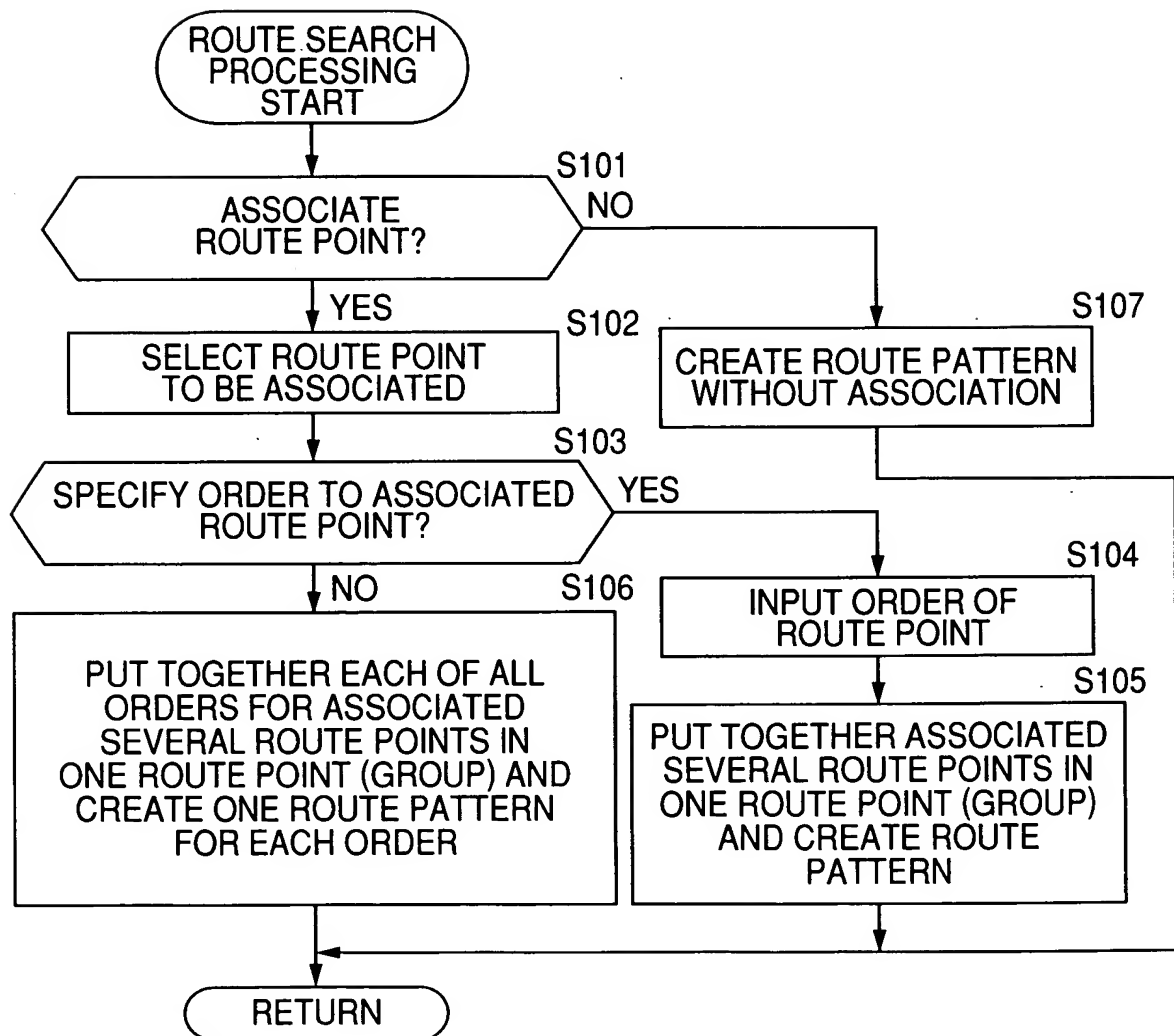


FIG. 49

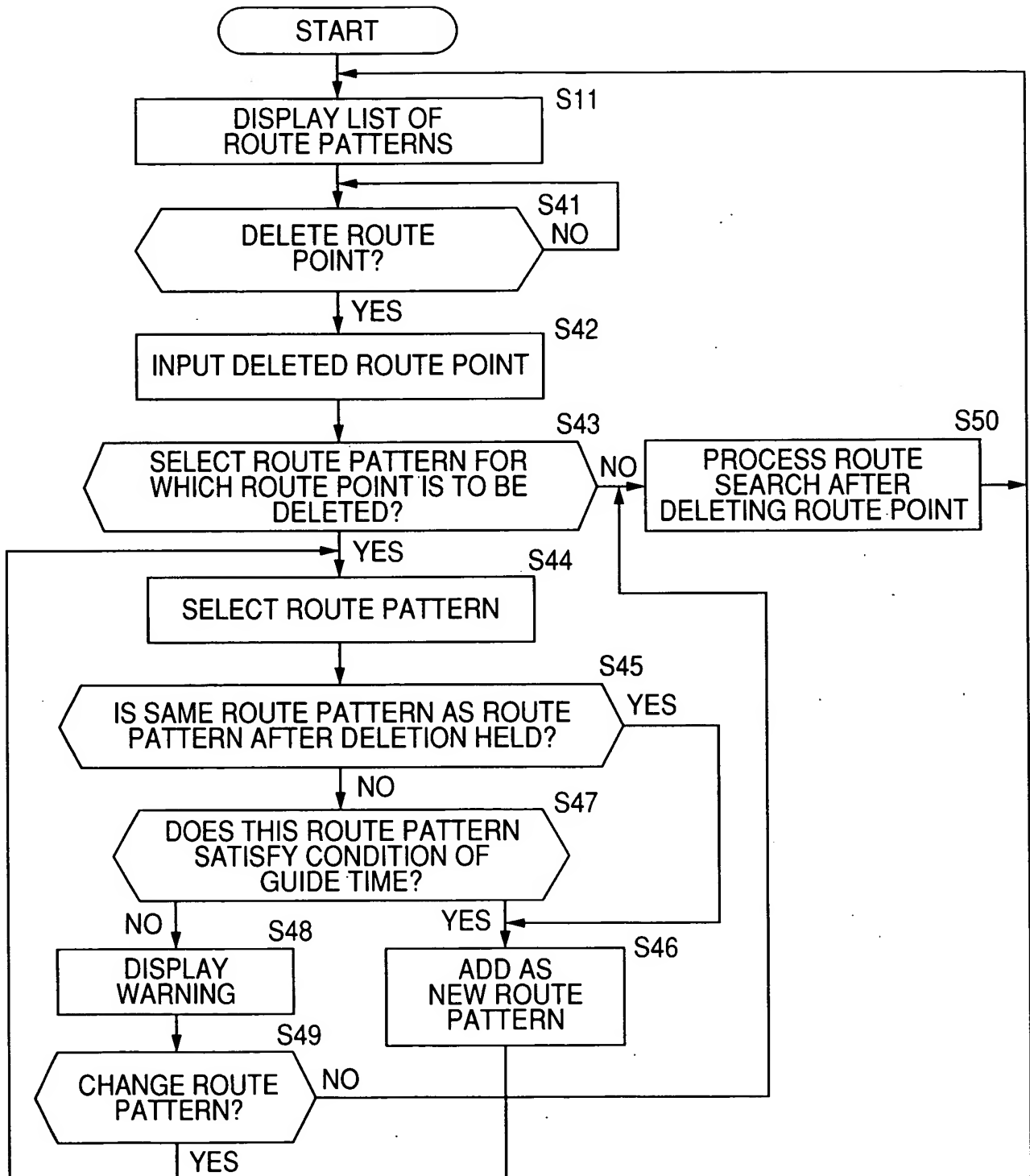


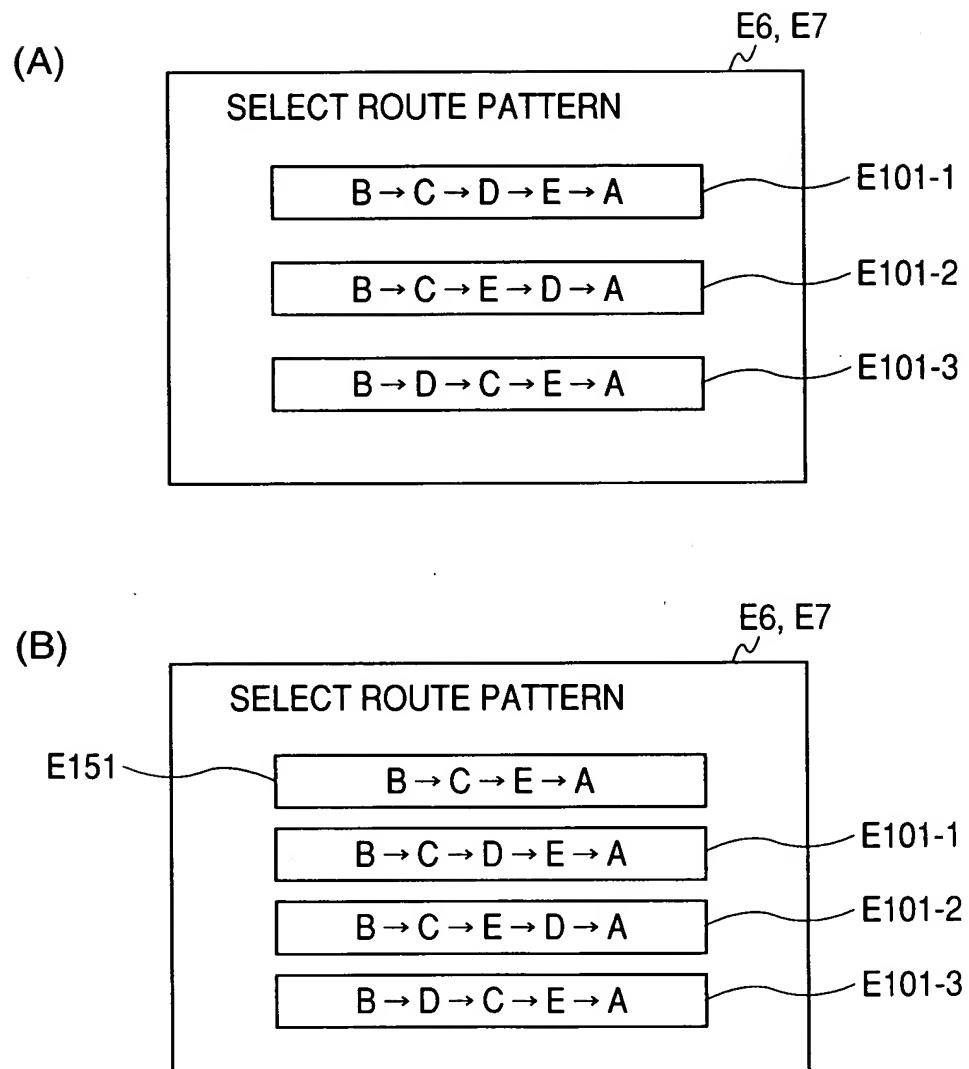
FIG. 50

FIG. 51

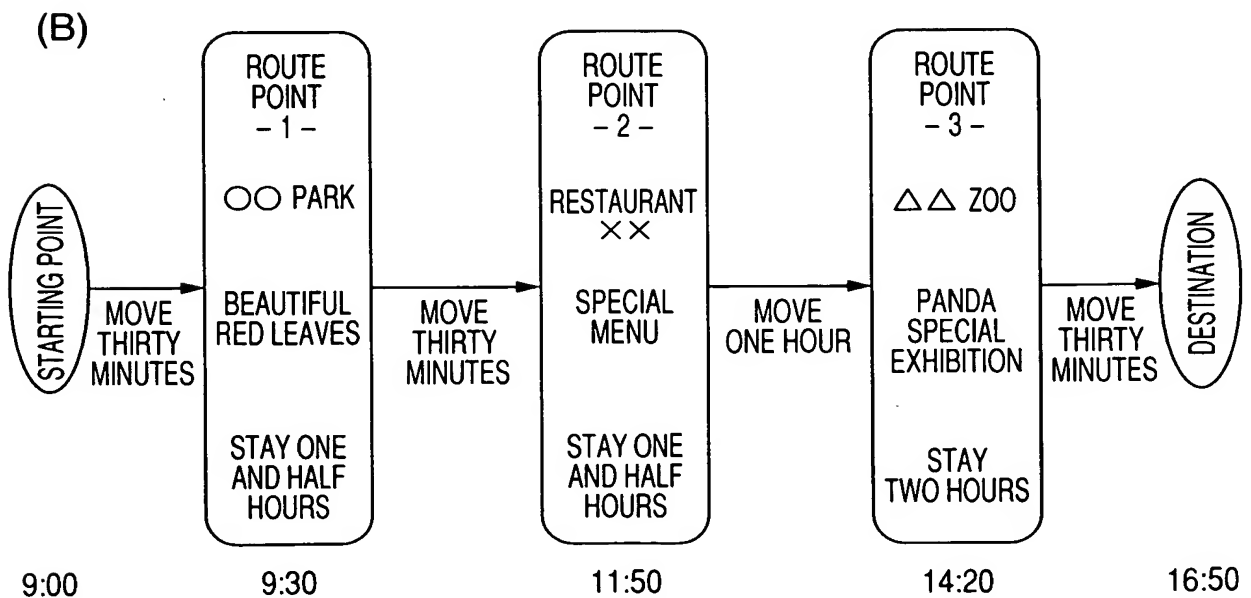
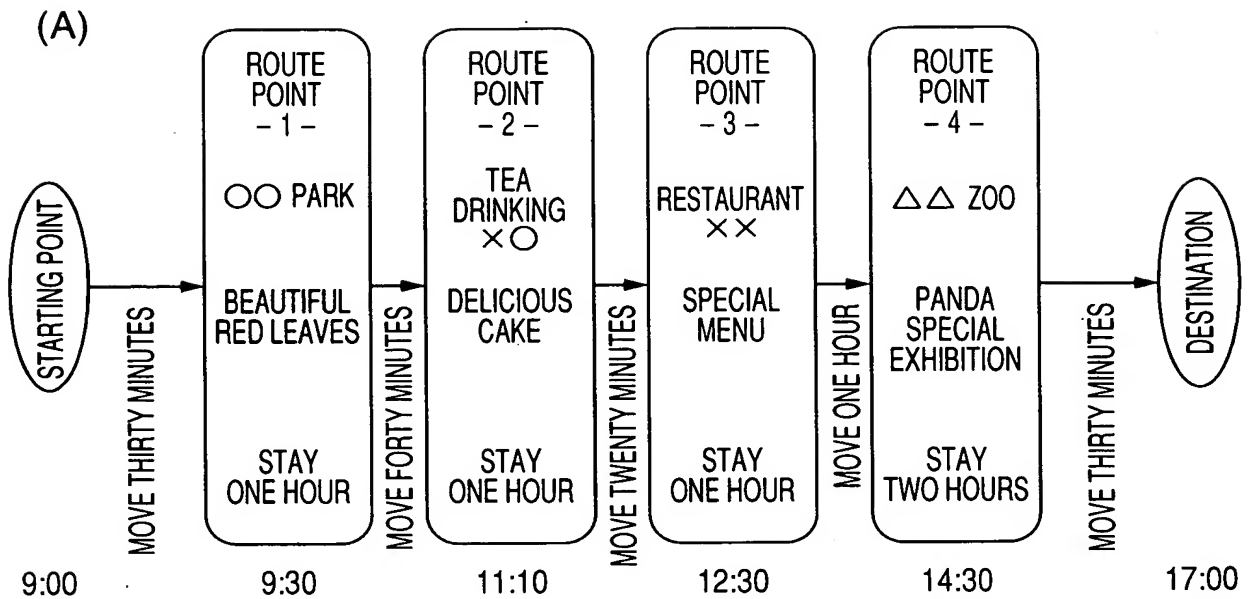


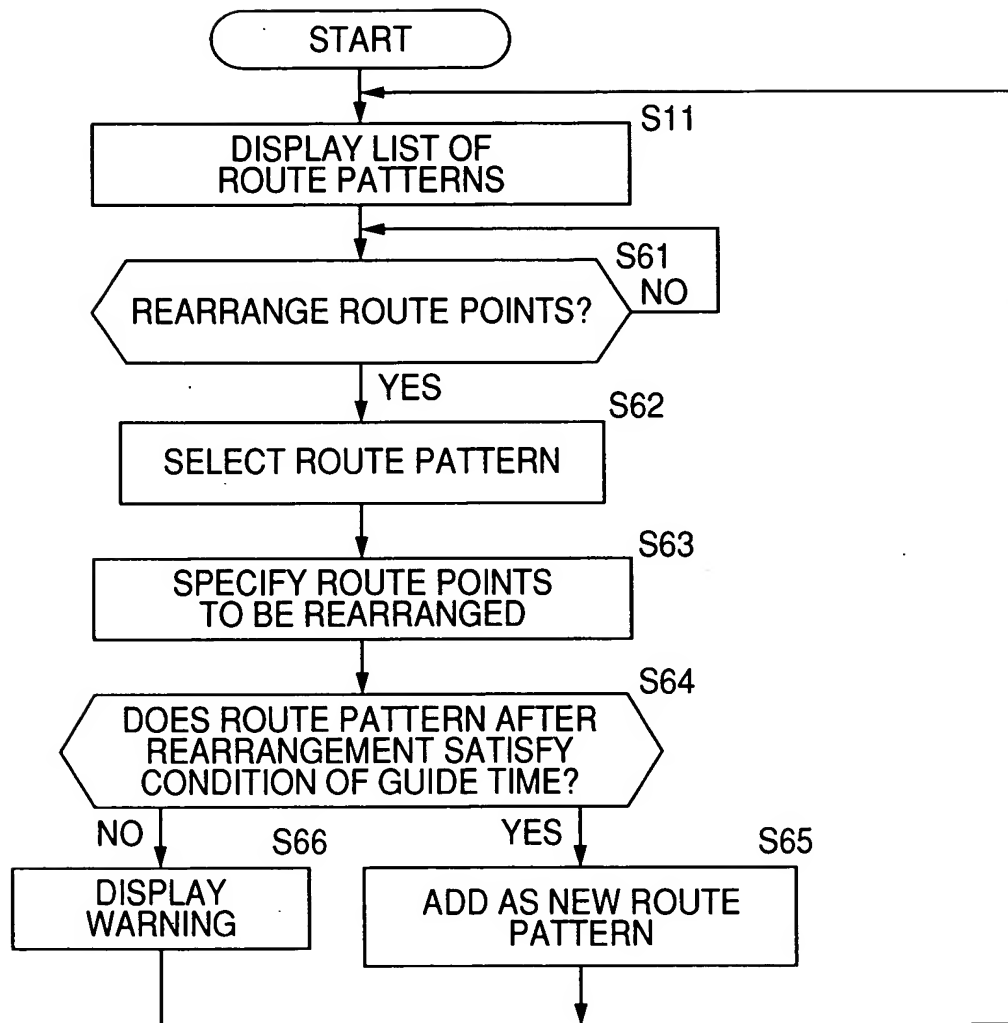
FIG. 52

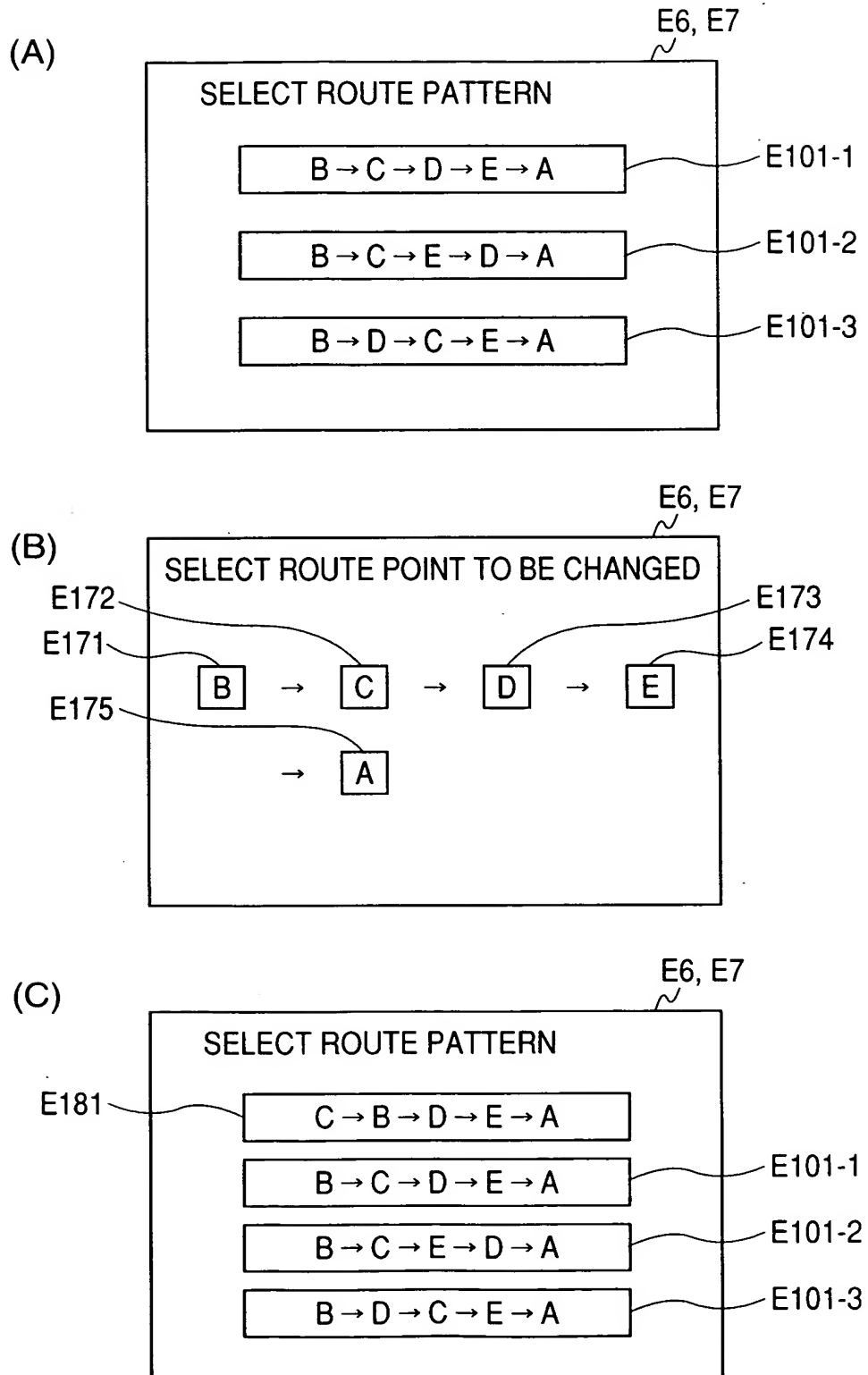
FIG. 53

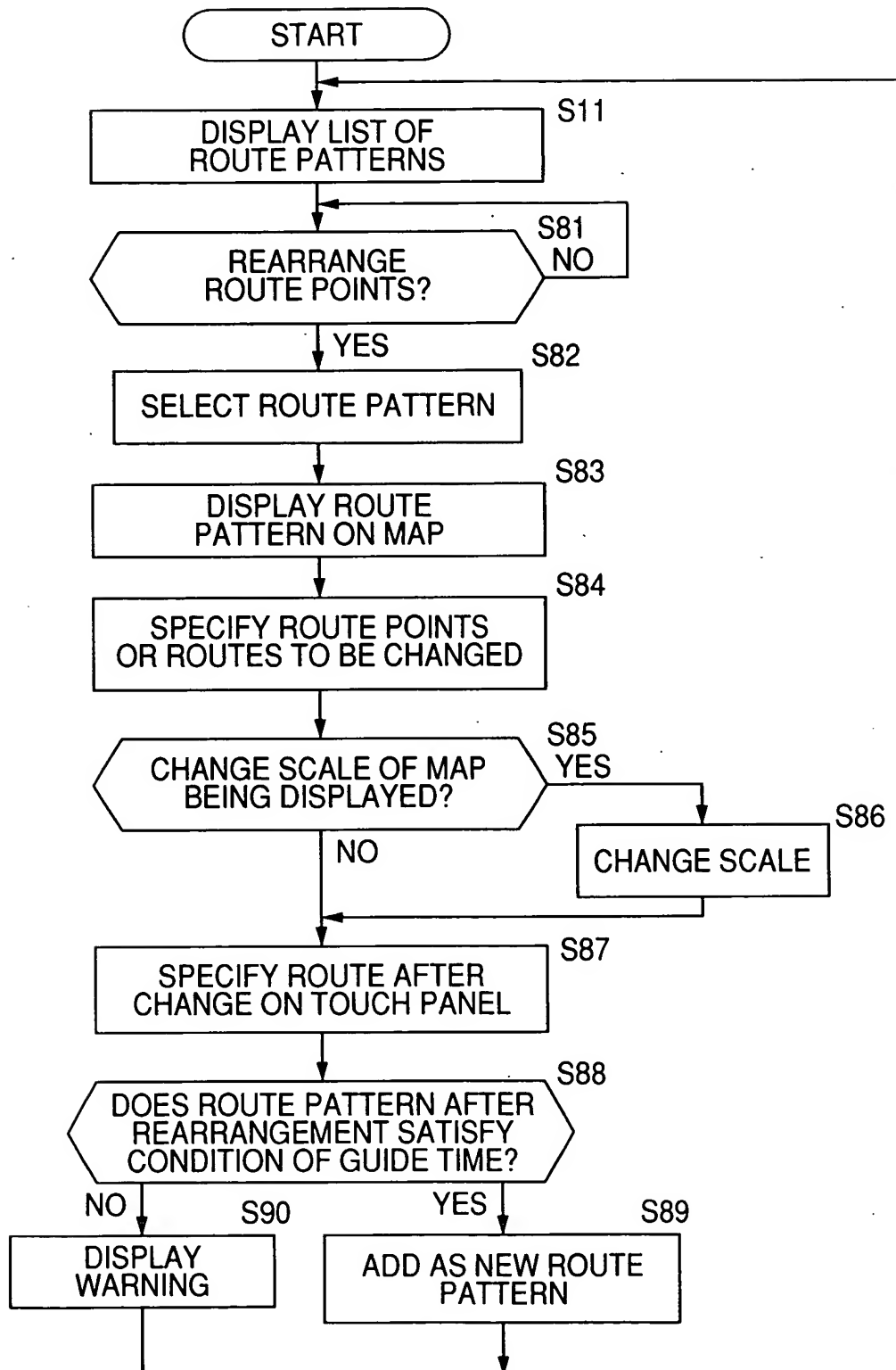
FIG. 54

FIG. 55

